6115698

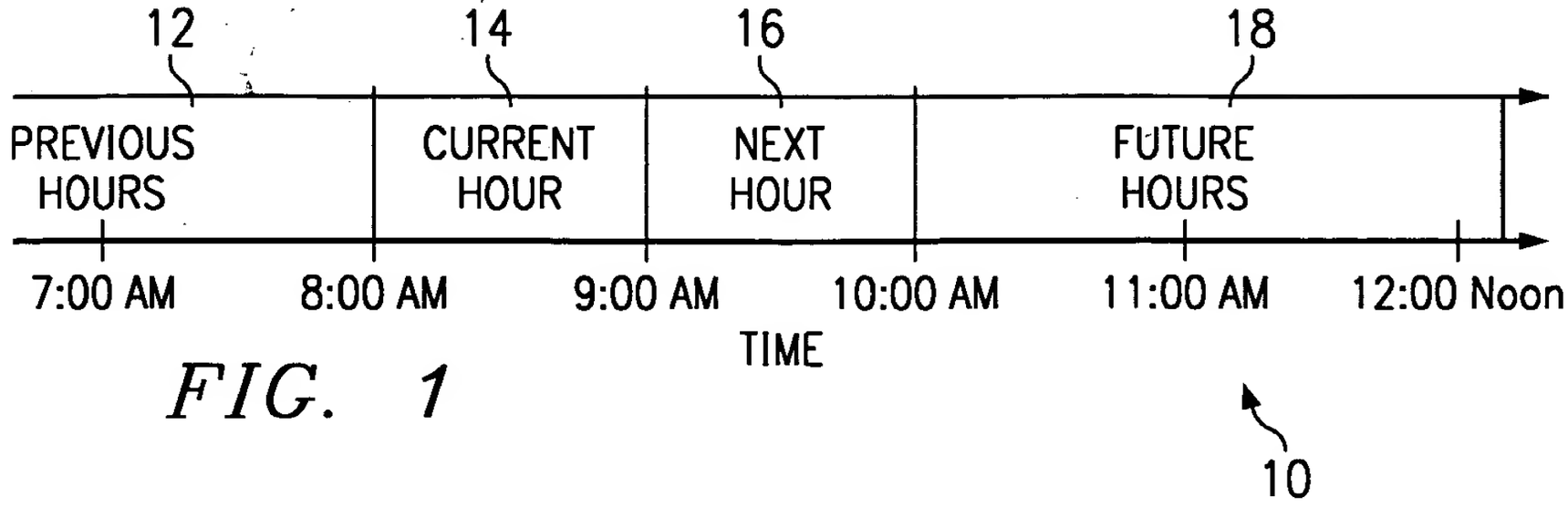


FIG. 1

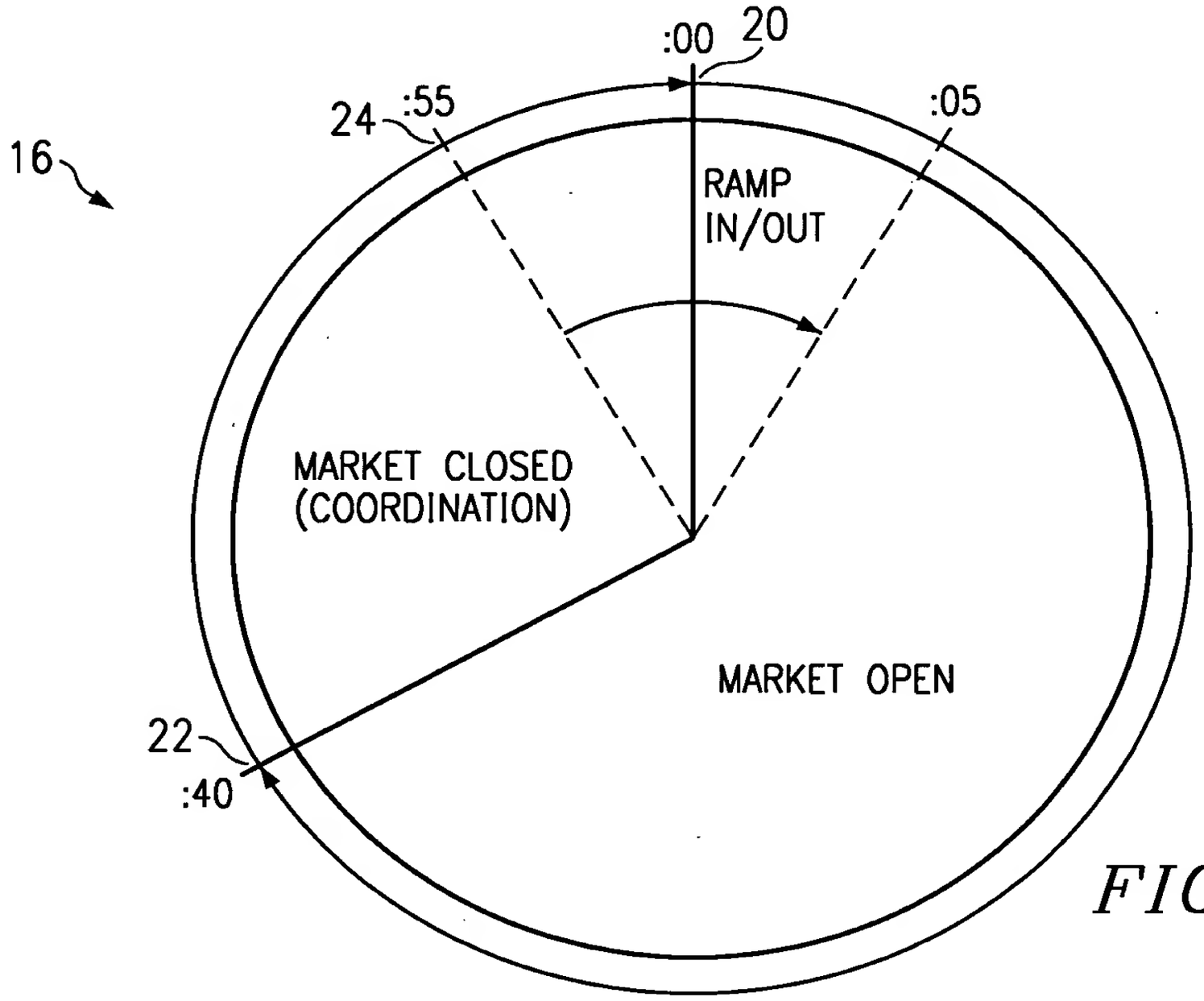


FIG. 2

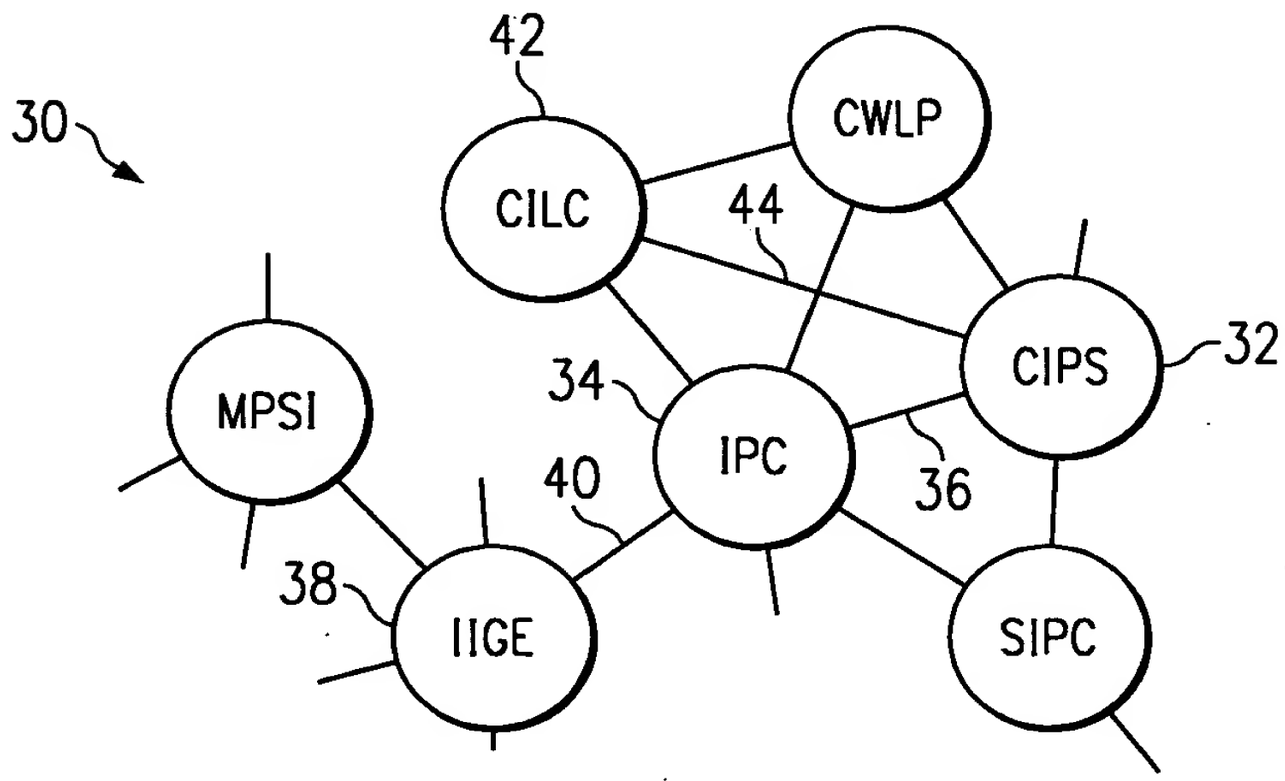


FIG. 3

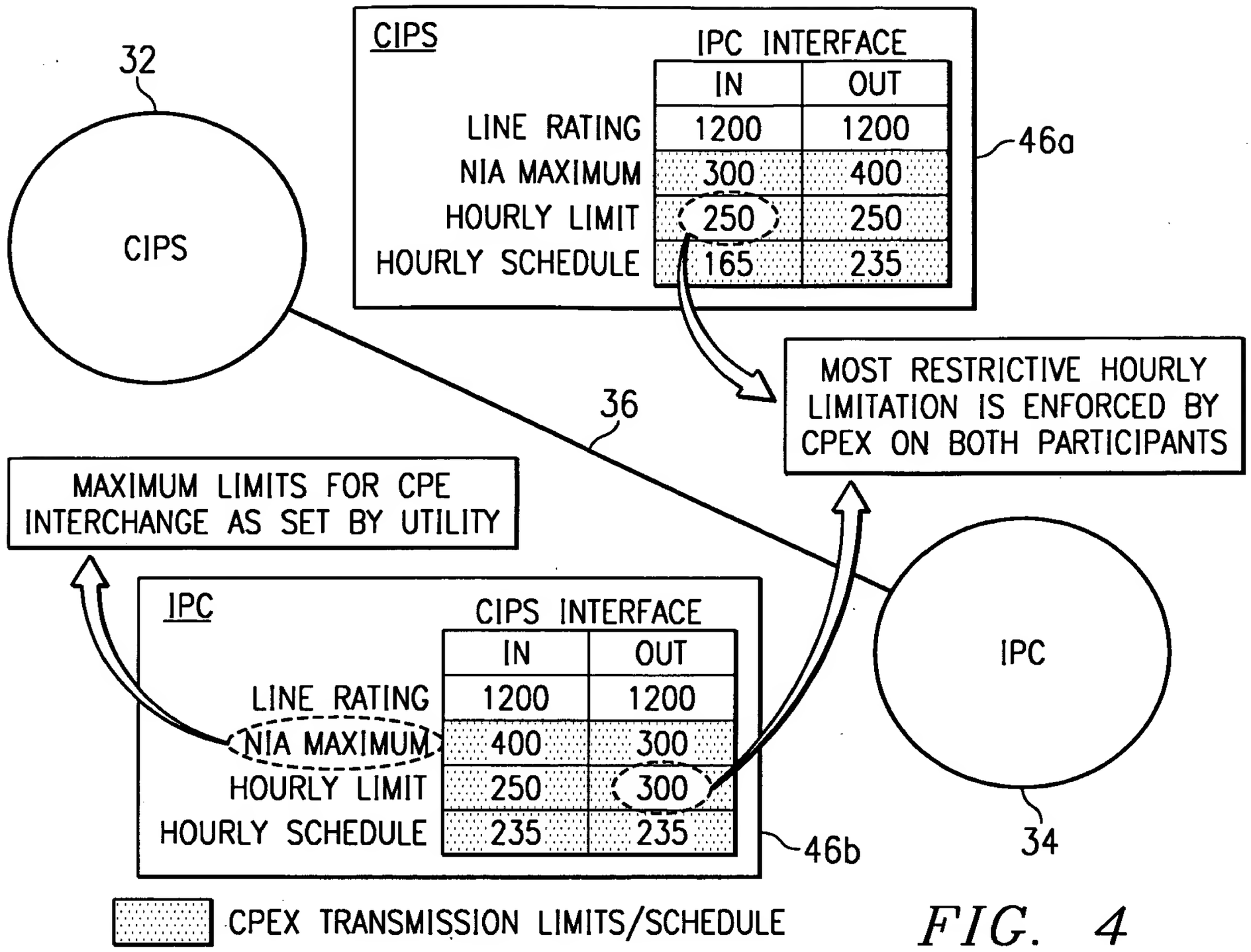


FIG. 4

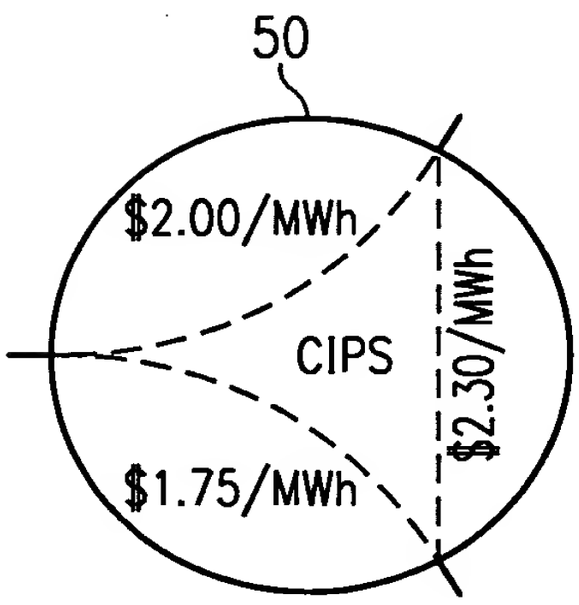


FIG. 5

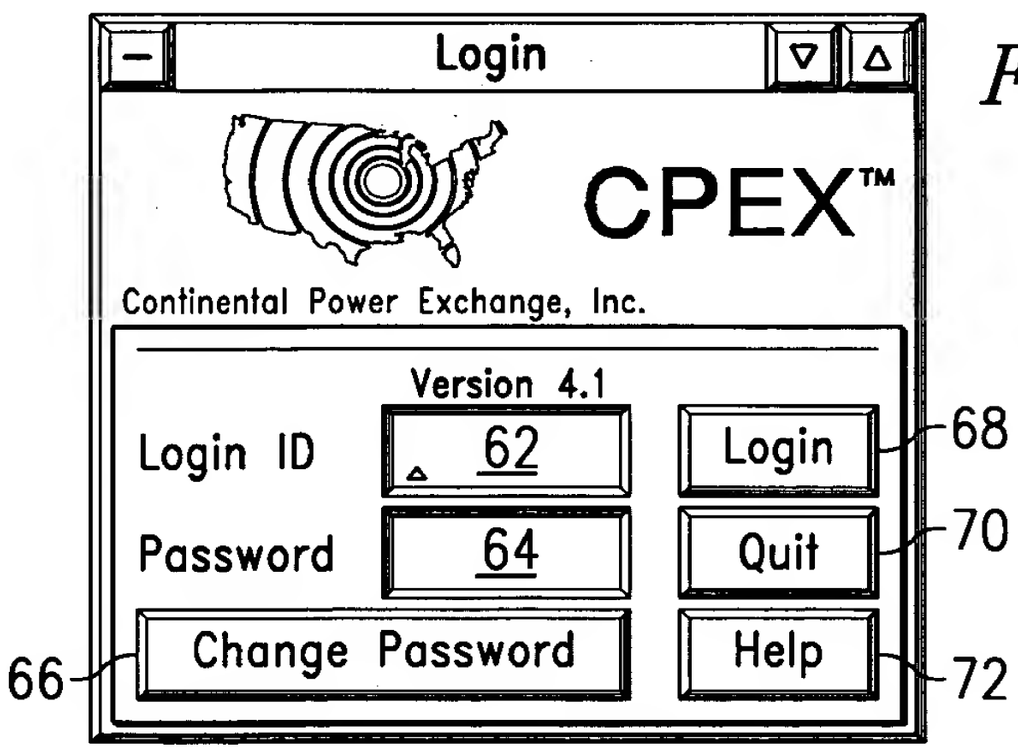


FIG. 6

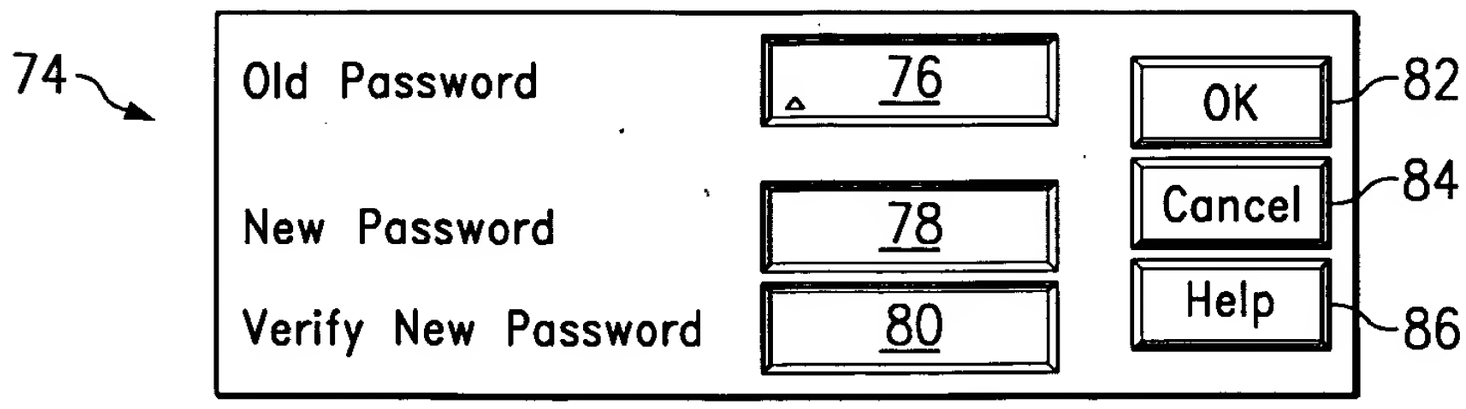


FIG. 7

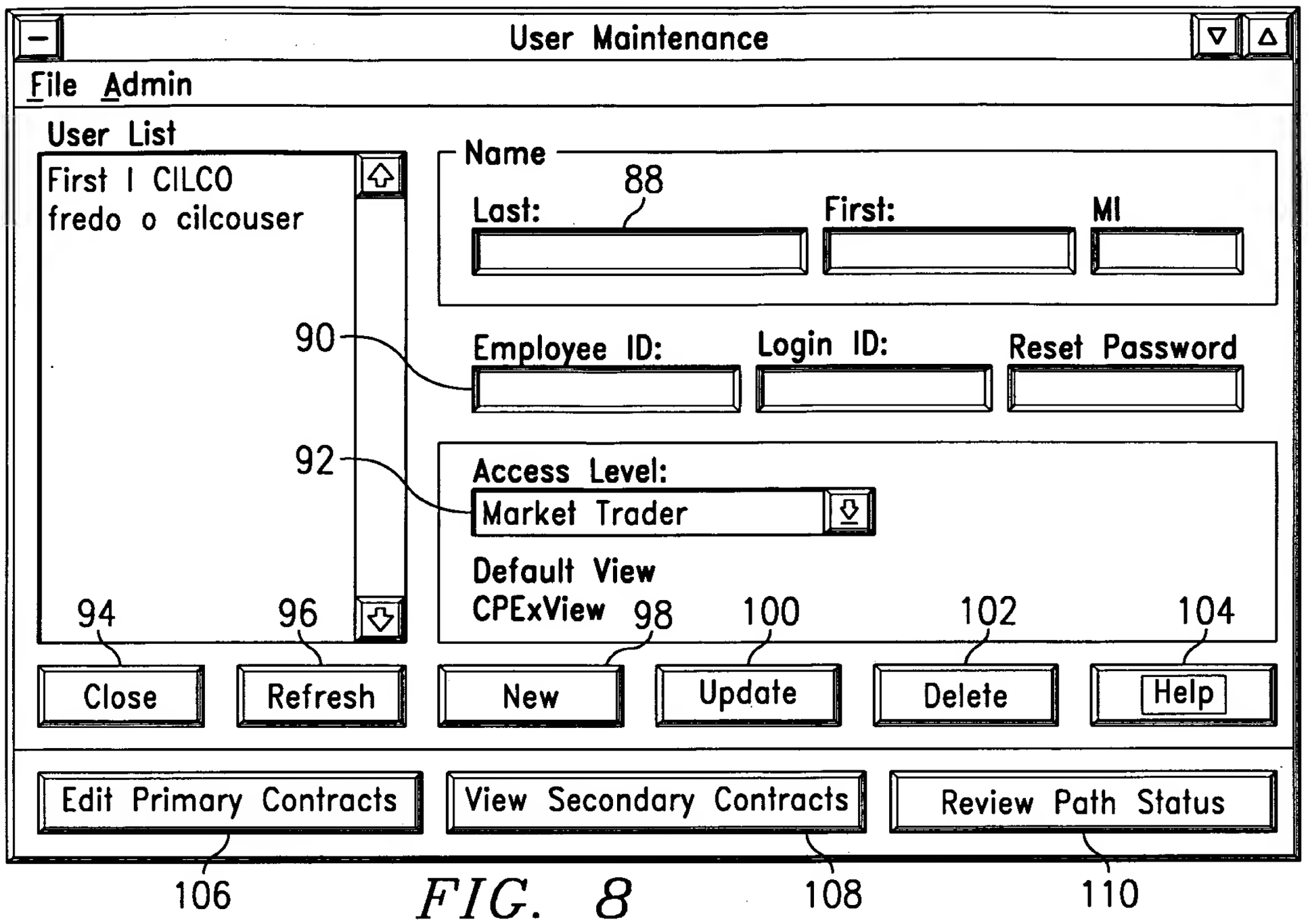

User Maintenance
File Admin
User List
First I CILCO
fredo o cilcouser
Name
88
Last:
First:
MI
90
Employee ID:
Login ID:
Reset Password
92
Access Level:
Market Trader
Default View
CPExView
94
96
98
100
102
104
Close
Refresh
New
Update
Delete
Help
Edit Primary Contracts
View Secondary Contracts
Review Path Status
106
108
110

FIG. 8

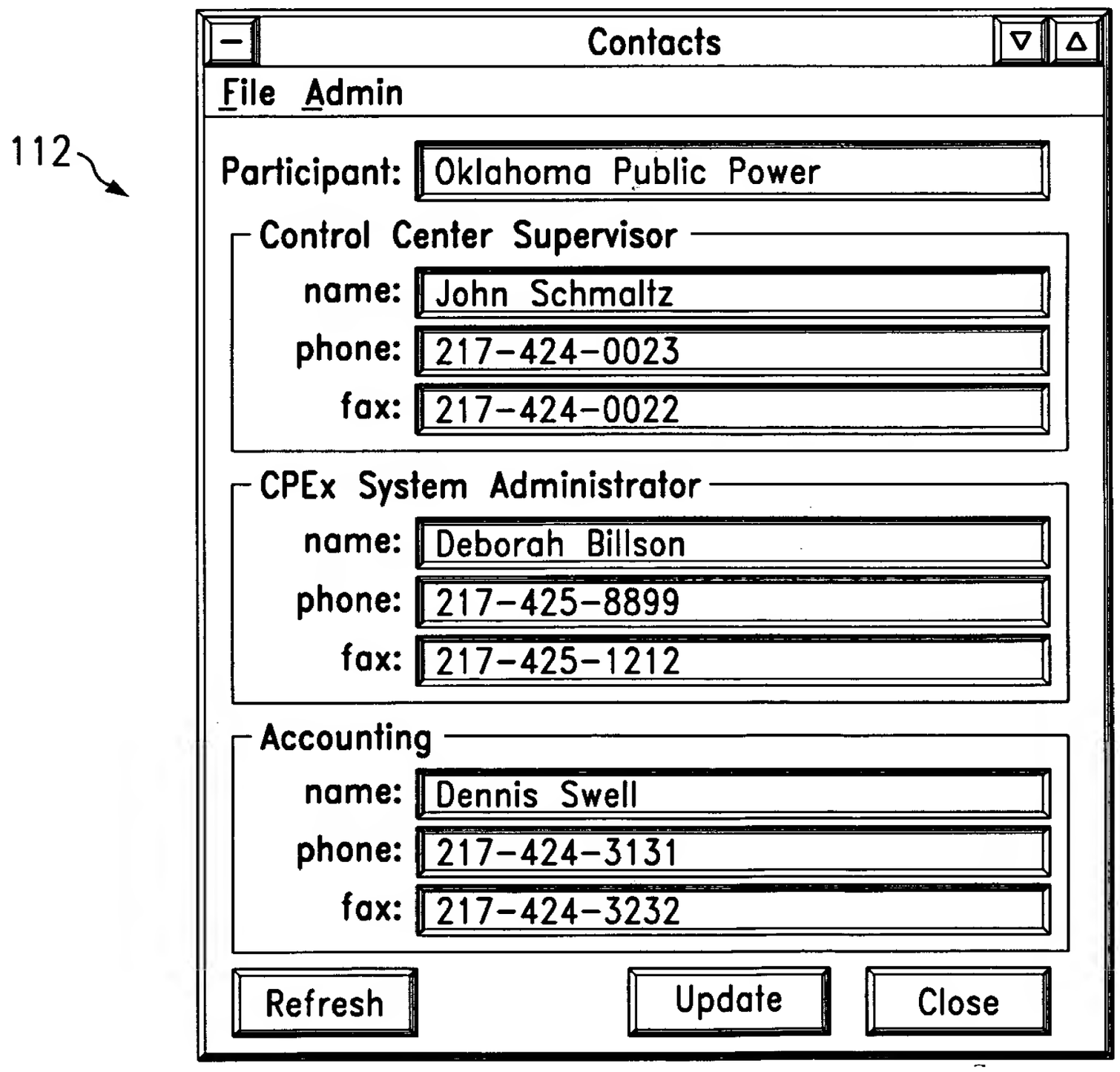

112
Contacts
File Admin
Participant: Oklahoma Public Power
Control Center Supervisor
name: John Schmaltz
phone: 217-424-0023
fax: 217-424-0022
CPEx System Administrator
name: Deborah Billson
phone: 217-425-8899
fax: 217-425-1212
Accounting
name: Dennis Swell
phone: 217-424-3131
fax: 217-424-3232
Refresh
Update
Close

FIG. 9

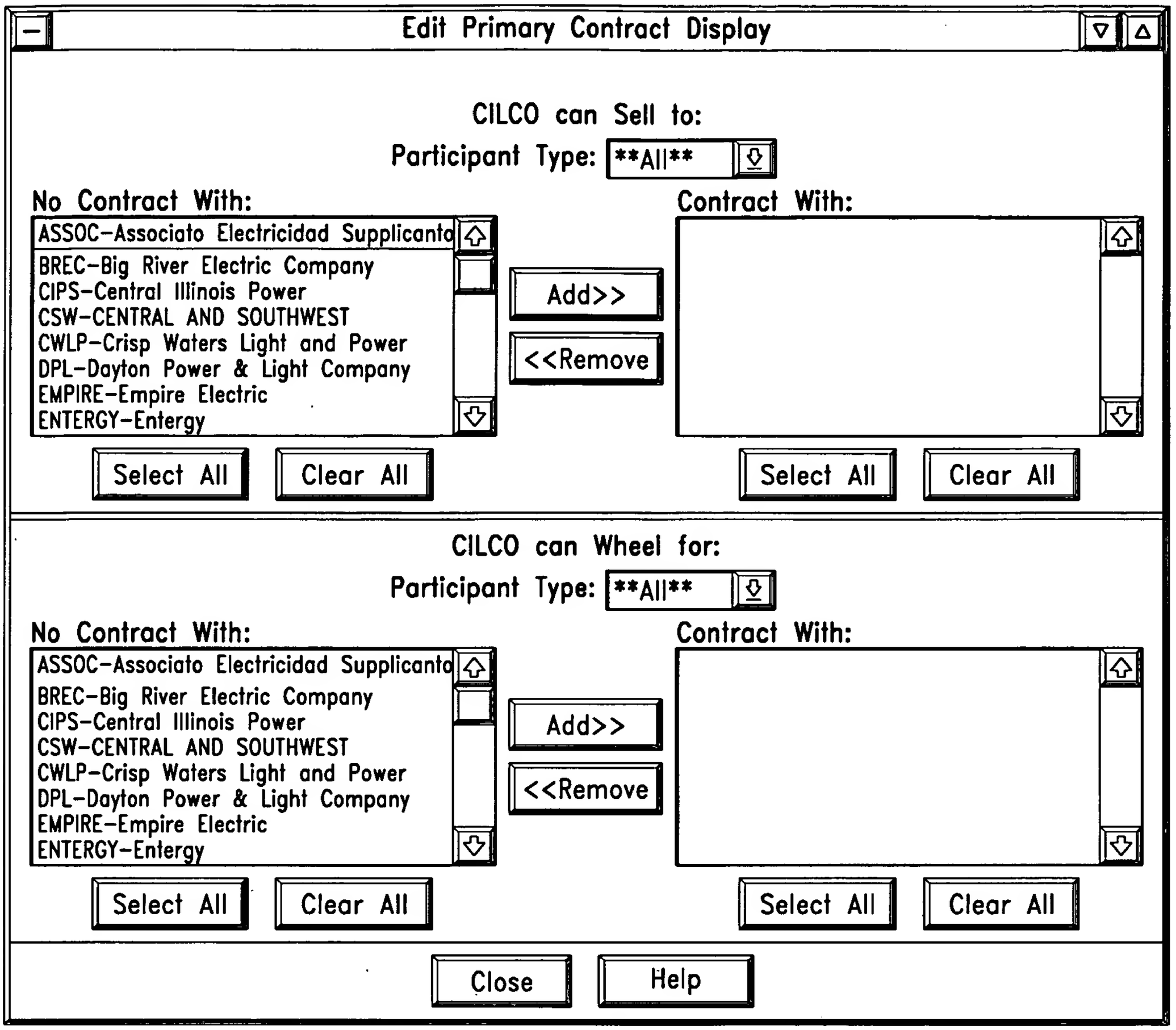

Edit Primary Contract Display
CILCO can Sell to:
Participant Type: **All**
No Contract With:
ASSOC-Associato Electricidad Supplicanto
BREC-Big River Electric Company
CIPS-Central Illinois Power
CSW-CENTRAL AND SOUTHWEST
CWLP-Crisp Waters Light and Power
DPL-Dayton Power & Light Company
EMPIRE-Empire Electric
ENTERGY-Entergy
Add>>
<<Remove
Contract With:
Select All
Clear All
Select All
Clear All
CILCO can Wheel for:
Participant Type: **All**
No Contract With:
ASSOC-Associato Electricidad Supplicanto
BREC-Big River Electric Company
CIPS-Central Illinois Power
CSW-CENTRAL AND SOUTHWEST
CWLP-Crisp Waters Light and Power
DPL-Dayton Power & Light Company
EMPIRE-Empire Electric
ENTERGY-Entergy
Add>>
<<Remove
Contract With:
Select All
Clear All
Select All
Clear All
Close
Help

FIG. 10

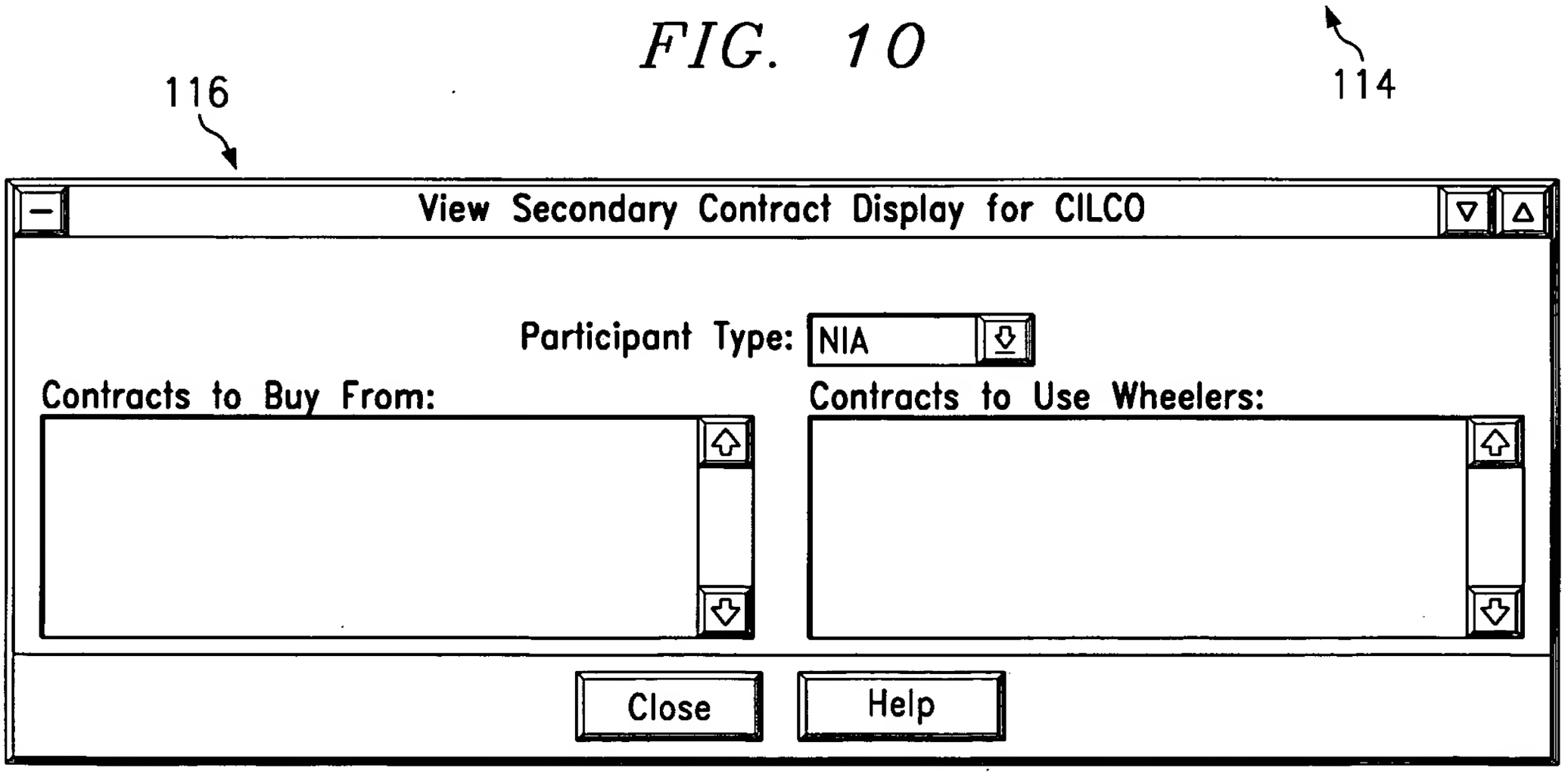

116
114
View Secondary Contract Display for CILCO
Participant Type: NIA
Contracts to Buy From:
Contracts to Use Wheelers:
Close
Help

FIG. 11

Review Contract Path Status Display for CILCO

List Filters

Update List | Reset Filters

Seller: **All** | Link: **All** | Buyer: **All** | Path Status: **All**

	Path (s-w-w-w-w-b)	Status	Start Date	End Date
1	ASSOC>OPPD>MDW>IIGE>IP>CWLP>CILCO			
2	CILCO>CWLP>IP>IIGE>MDW>OPPD>ASSOC			
3	CILCO>IP>IIGE>MDW>ISTATE>SJLP>LES			
4	LES>SJLP>ISTATE>MDW>IIGE>IP>CILCO			
5	CILCO>IP>IIGE>MDW>KCPL>ASSOC>EMPIRE			
6	EMPIRE>ASSOC>KCPL>MDW>IIGE>IP>CILCO			
7	CILCO>IP>IIGE>MDW>KCPL>EMPIRE>SWEPCO			
8	SWEPCO>EMPIRE>KCPL>MDW>IIGE>IP>CILCO			
9	ASSOC>NPPD>MDW>ISTATE>IIGE>IP>CILCO			
10	CILCO>IP>IIGE>ISTATE>MDW>NPPD>ASSOC			
11	CILCO>CIPS>IP>IIGE>ISTATE>KCPL>OPPD			
12	OPPD>KCPL>ISTATE>IIGE>IP>CIPS>CILCO			
13	BREC>SIPCO>CIPS>CWLP>IP>CILCO			
14	CILCO>IP>CWLP>CIPS>SIPCO>BREC			

Path Status: Valid (120)

Starting Date: 5/4/95 Time: 10:41 am

Ending Date: 5/4/95 Time: 10:41 am

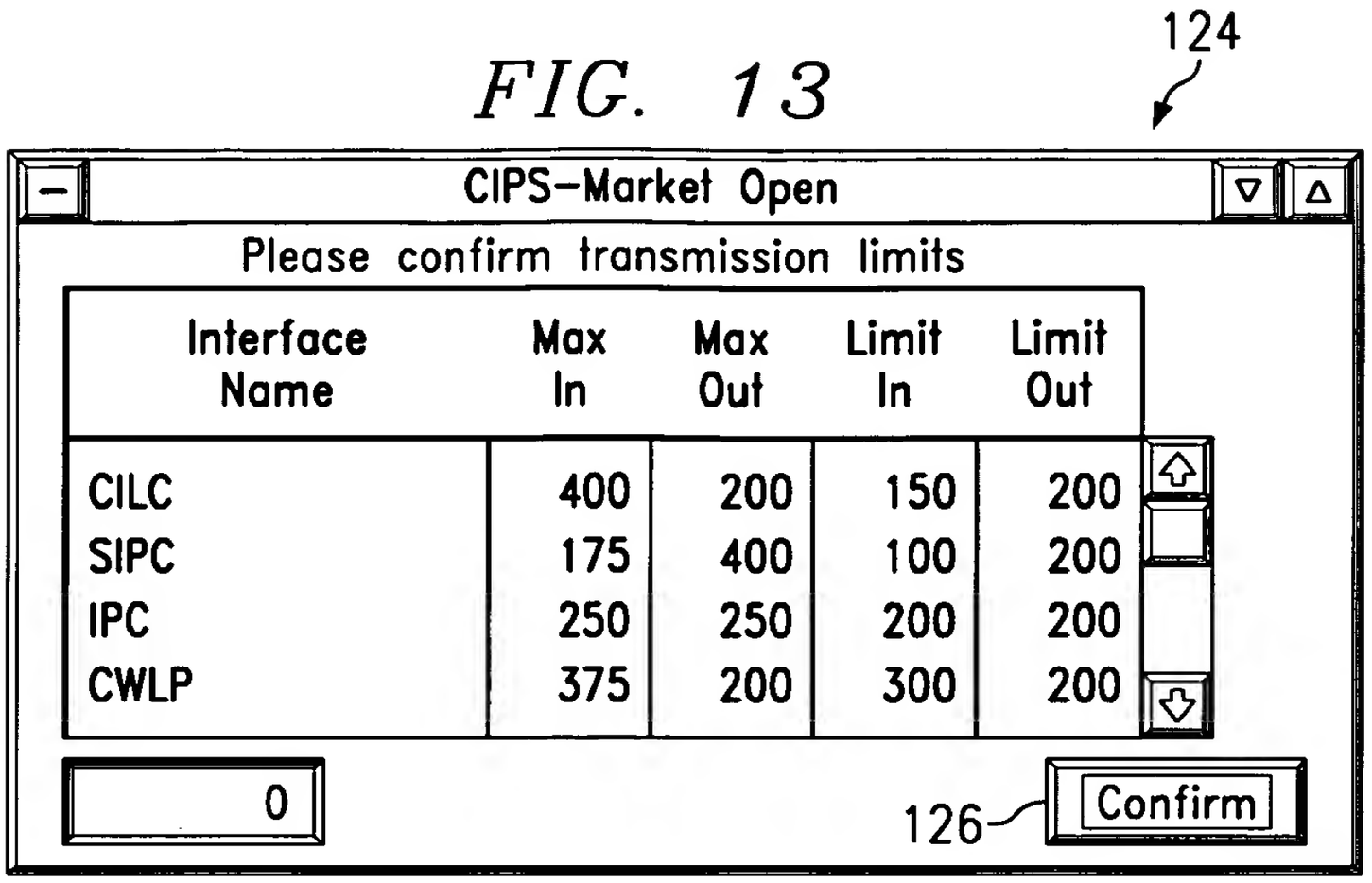
Update Path (122)

Close | Help

118

FIG. 12

FIG. 13


124
CIPS–Market Open
Please confirm transmission limits
Interface Name
Max In
Max Out
Limit In
Limit Out
CILC 400 200 150 200
SIPC 175 400 100 200
IPC 250 250 200 200
CWLP 375 200 300 200
0
126
Confirm

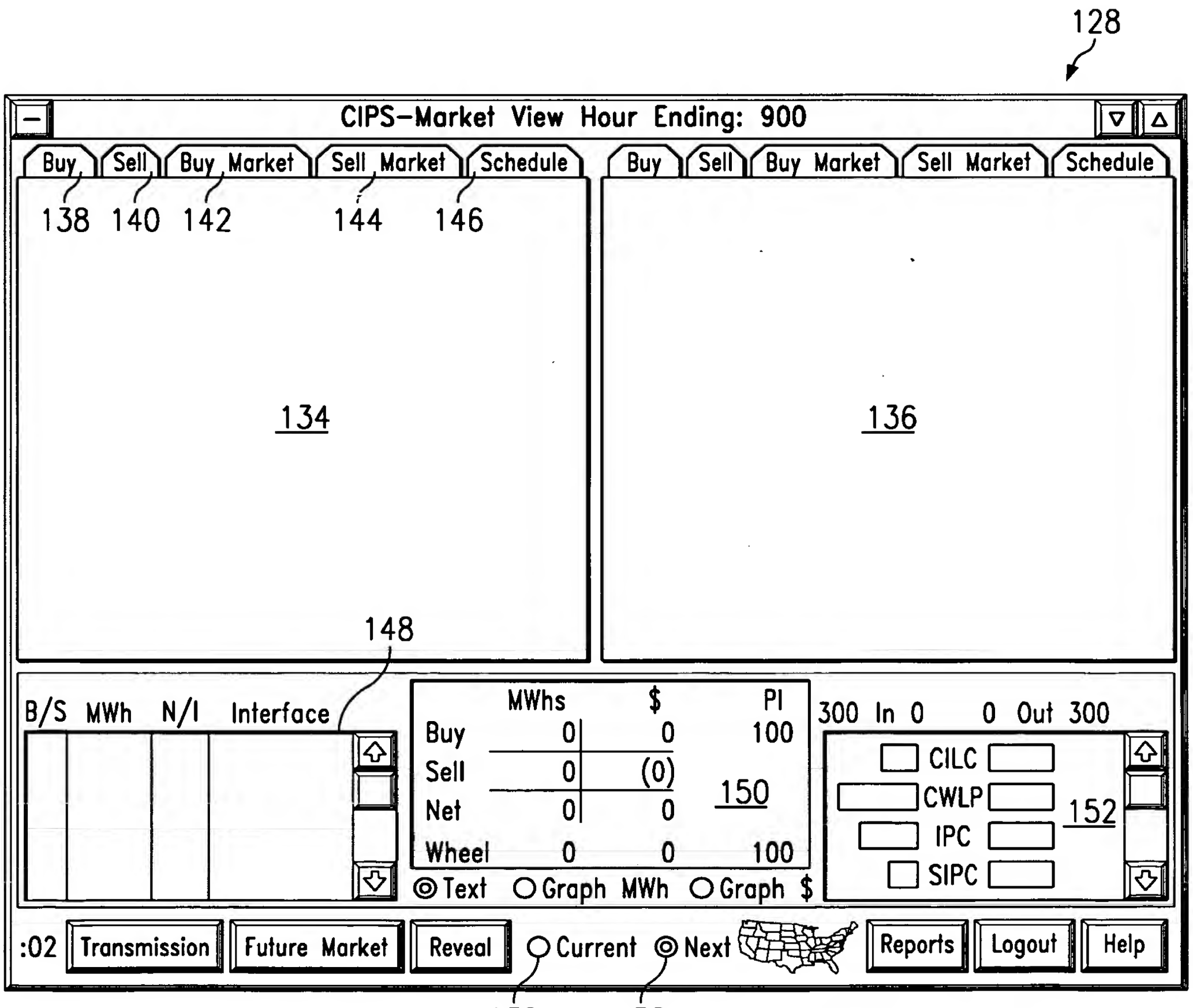

128
CIPS–Market View Hour Ending: 900
Buy
Sell
Buy Market
Sell Market
Schedule
138
140
142
144
146
134
136
148
B/S MWh N/I Interface
MWhs $ PI
Buy 0 0 100
Sell 0 (0)
Net 0 0
Wheel 0 0 100
150
Text
Graph MWh
Graph $
300 In 0 0 Out 300
CILC
CWLP
IPC
SIPC
152
:02
Transmission
Future Market
Reveal
Current
Next
Reports
Logout
Help
130
132

FIG. 14

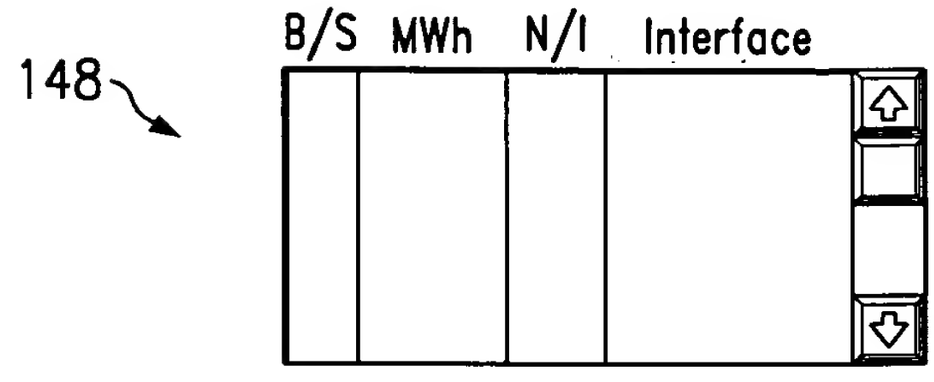


FIG. 15a

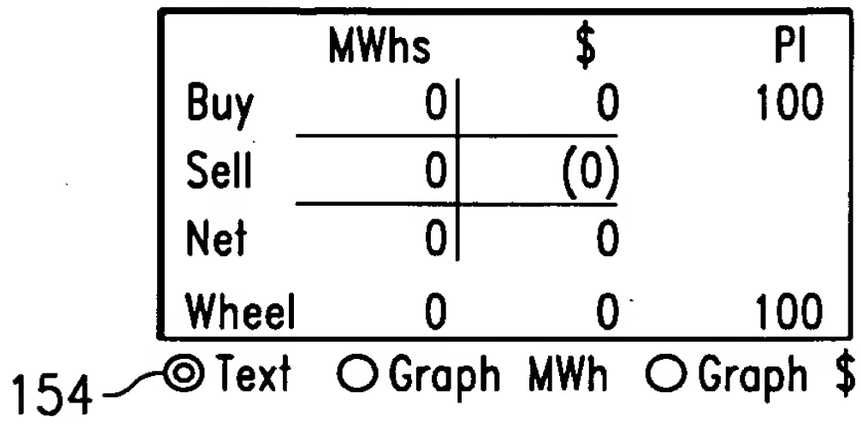


FIG. 15b

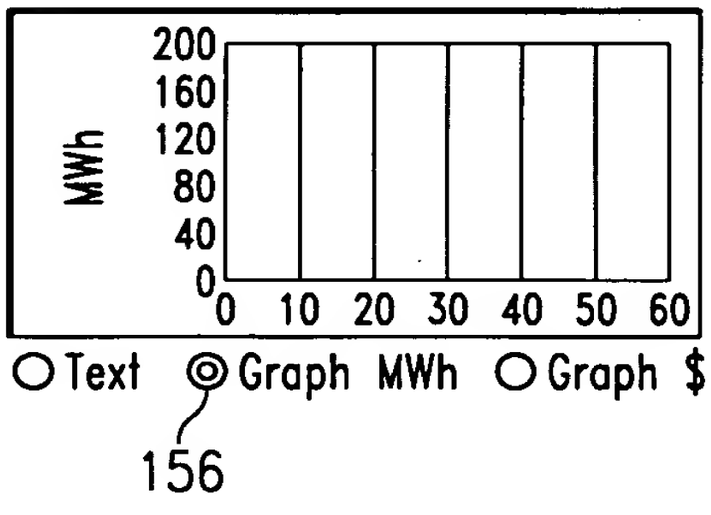


FIG. 15c

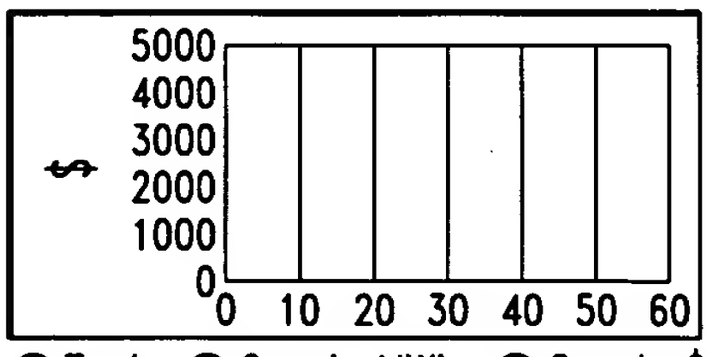


FIG. 15d

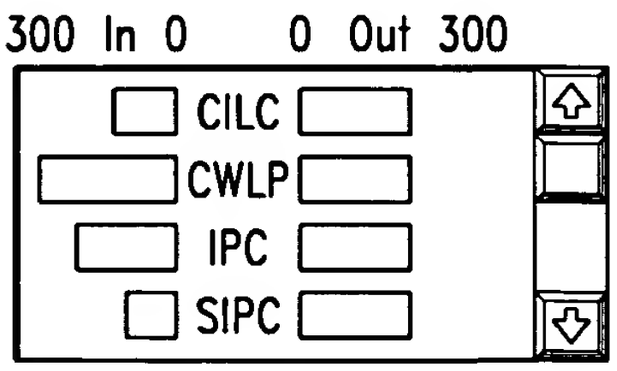


FIG. 15e

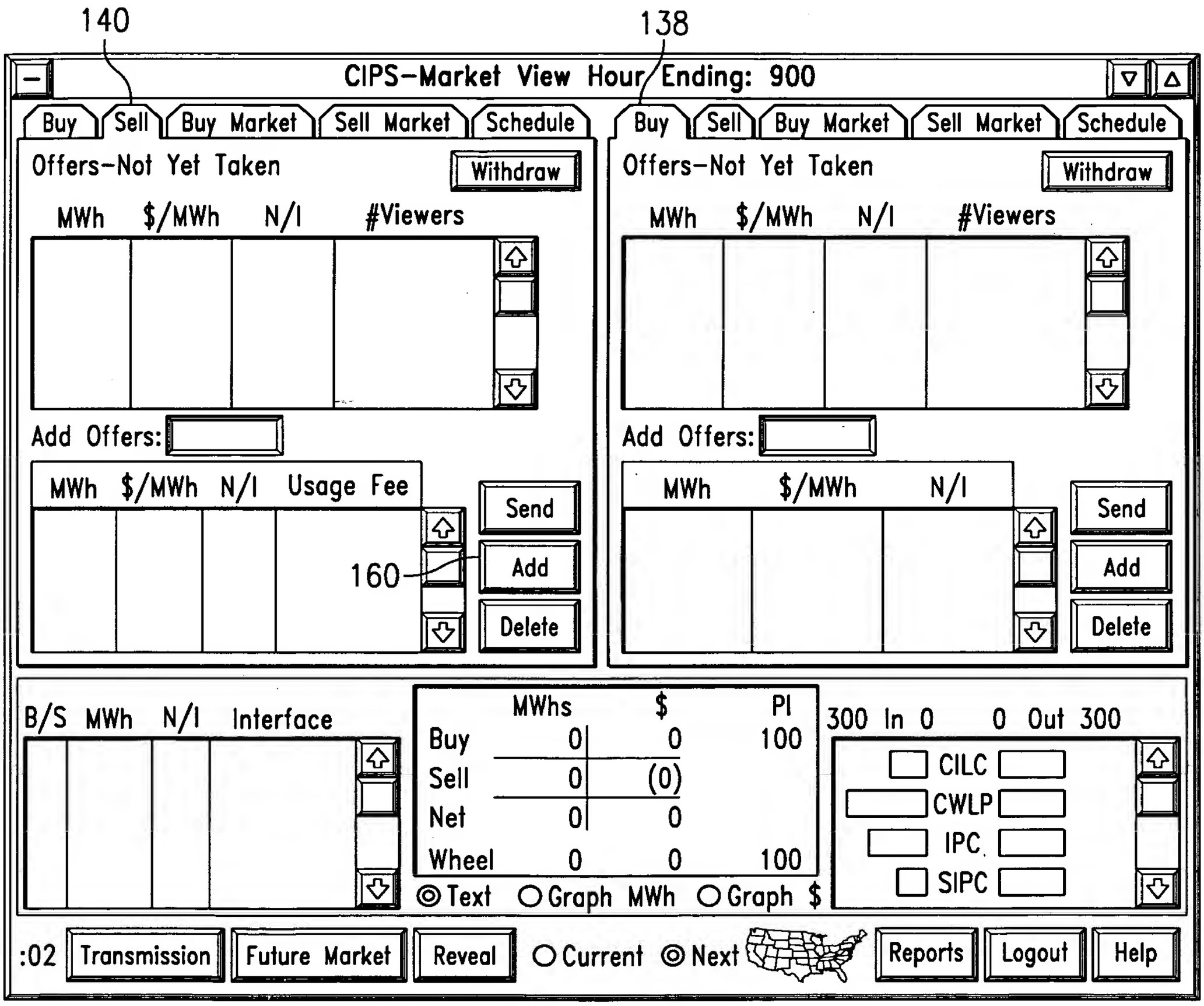

140
138
CIPS–Market View Hour Ending: 900
Buy
Sell
Buy Market
Sell Market
Schedule
Offers–Not Yet Taken
Withdraw
MWh
$/MWh
N/I
#Viewers
Add Offers:
MWh
$/MWh
N/I
Usage Fee
160
Send
Add
Delete
B/S
MWh
N/I
Interface
MWhs
$
PI
Buy
Sell
Net
Wheel
0
(0)
100
Text
Graph MWh
Graph $
300 In 0
0 Out 300
CILC
CWLP
IPC
SIPC
:02
Transmission
Future Market
Reveal
Current
Next
Reports
Logout
Help

FIG. 16

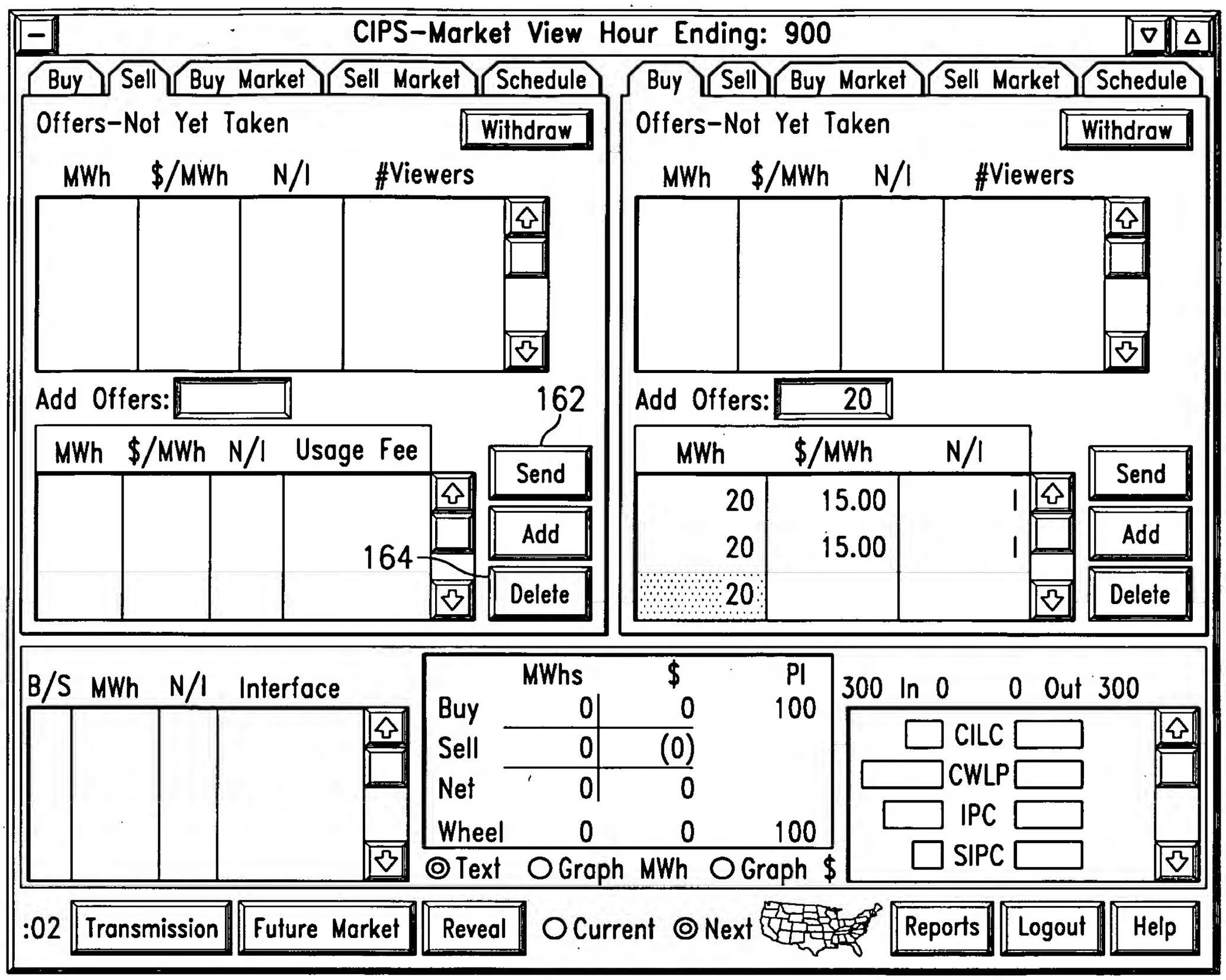

CIPS-Market View Hour Ending: 900
Buy
Sell
Buy Market
Sell Market
Schedule
Offers-Not Yet Taken
Withdraw
MWh
$/MWh
N/I
#Viewers
Add Offers:
162
MWh
$/MWh
N/I
Usage Fee
164
Send
Add
Delete
Buy
Sell
Buy Market
Sell Market
Schedule
Offers-Not Yet Taken
Withdraw
MWh
$/MWh
N/I
#Viewers
Add Offers:
20
MWh
$/MWh
N/I
20
15.00
I
20
15.00
I
20
Send
Add
Delete
B/S
MWh
N/I
Interface
MWhs
$
PI
Buy
0
0
100
Sell
0
(0)
Net
0
0
Wheel
0
0
100
300 In 0
0 Out 300
CILC
CWLP
IPC
SIPC
Text
Graph MWh
Graph $
:02
Transmission
Future Market
Reveal
Current
Next
Reports
Logout
Help

FIG. 17

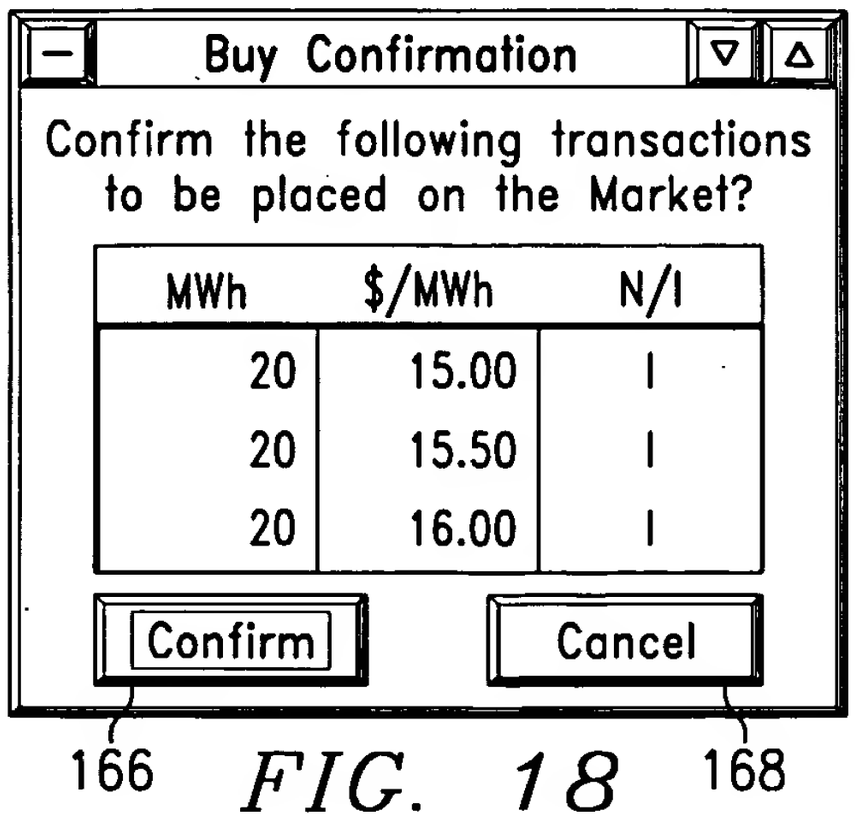

Buy Confirmation
Confirm the following transactions to be placed on the Market?
MWh
$/MWh
N/I
20
15.00
I
20
15.50
I
20
16.00
I
Confirm
Cancel
166
168

FIG. 18

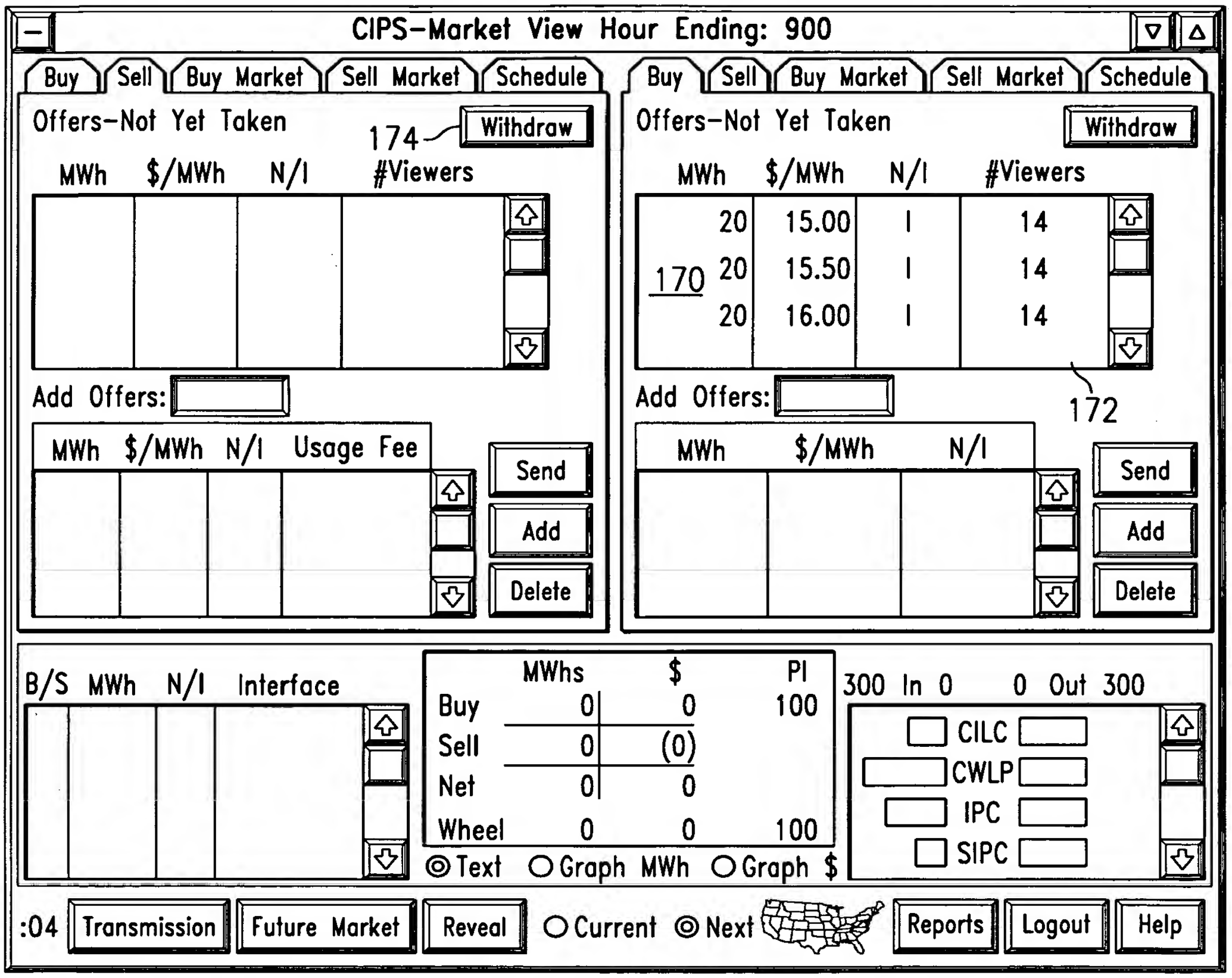

CIPS-Market View Hour Ending: 900
Buy
Sell
Buy Market
Sell Market
Schedule
Offers-Not Yet Taken
Withdraw
174
MWh
$/MWh
N/I
#Viewers
Add Offers:
MWh
$/MWh
N/I
Usage Fee
Send
Add
Delete
Buy
Sell
Buy Market
Sell Market
Schedule
Offers-Not Yet Taken
Withdraw
MWh
$/MWh
N/I
#Viewers
20 15.00 I 14
170
20 15.50 I 14
20 16.00 I 14
172
Add Offers:
MWh
$/MWh
N/I
Send
Add
Delete
B/S MWh N/I Interface
MWhs $ PI
Buy 0 0 100
Sell 0 (0)
Net 0 0
Wheel 0 0 100
Text
Graph MWh
Graph $
300 In 0 0 Out 300
CILC
CWLP
IPC
SIPC
:04
Transmission
Future Market
Reveal
Current
Next
Reports
Logout
Help

FIG. 19

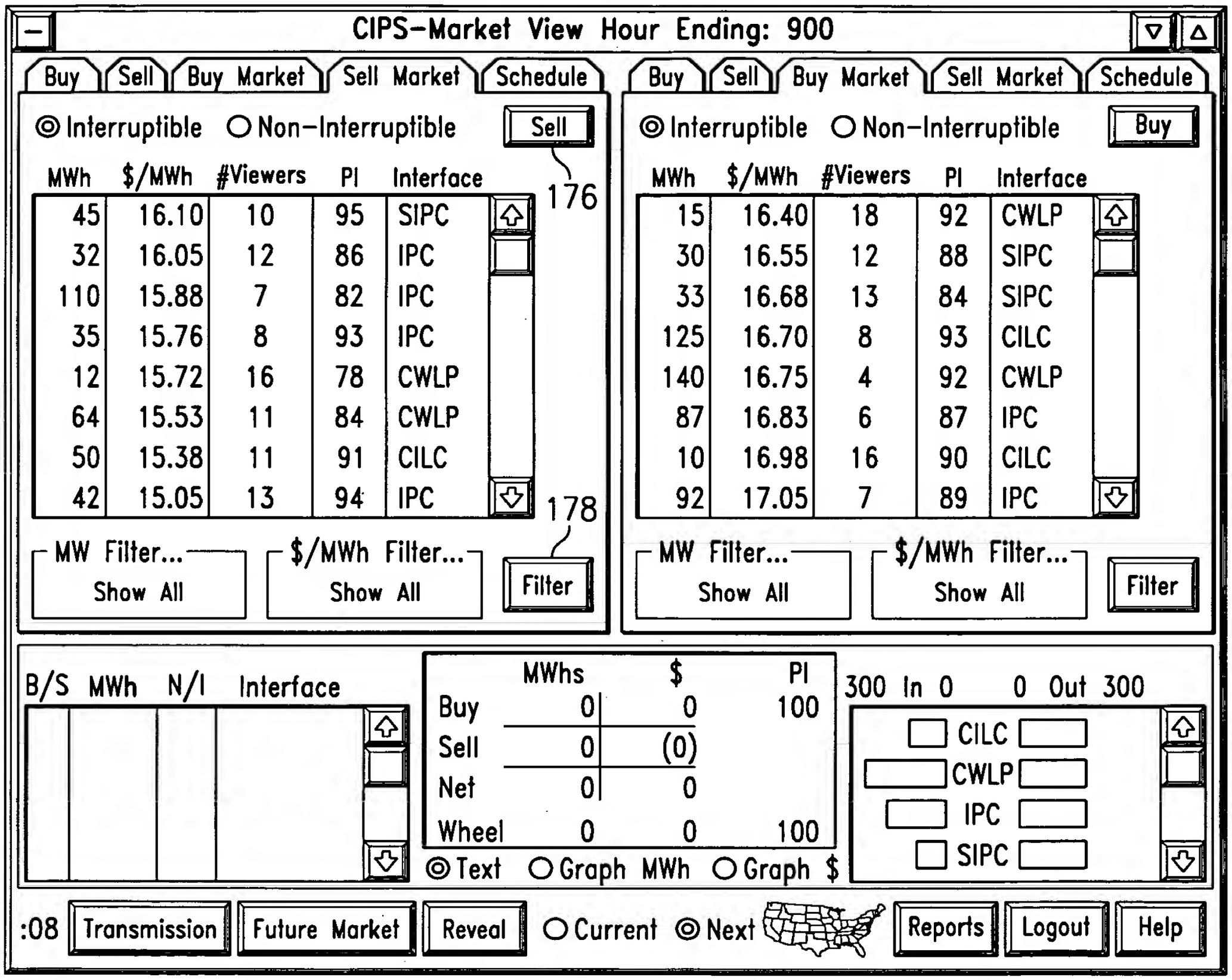

CIPS-Market View Hour Ending: 900
Buy
Sell
Buy Market
Sell Market
Schedule
Interruptible
Non-Interruptible
Sell
MWh
$/MWh
#Viewers
PI
Interface
45 16.10 10 95 SIPC
32 16.05 12 86 IPC
110 15.88 7 82 IPC
35 15.76 8 93 IPC
12 15.72 16 78 CWLP
64 15.53 11 84 CWLP
50 15.38 11 91 CILC
42 15.05 13 94 IPC
176
178
MW Filter...
Show All
$/MWh Filter...
Show All
Filter
Buy
Interruptible
Non-Interruptible
Buy
15 16.40 18 92 CWLP
30 16.55 12 88 SIPC
33 16.68 13 84 SIPC
125 16.70 8 93 CILC
140 16.75 4 92 CWLP
87 16.83 6 87 IPC
10 16.98 16 90 CILC
92 17.05 7 89 IPC
MW Filter...
Show All
$/MWh Filter...
Show All
Filter
B/S MWh N/I Interface
MWhs $ PI
Buy 0 0 100
Sell 0 (0)
Net 0 0
Wheel 0 0 100
Text
Graph MWh
Graph $
300 In 0 0 Out 300
CILC
CWLP
IPC
SIPC
:08
Transmission
Future Market
Reveal
Current
Next
Reports
Logout
Help

FIG. 20

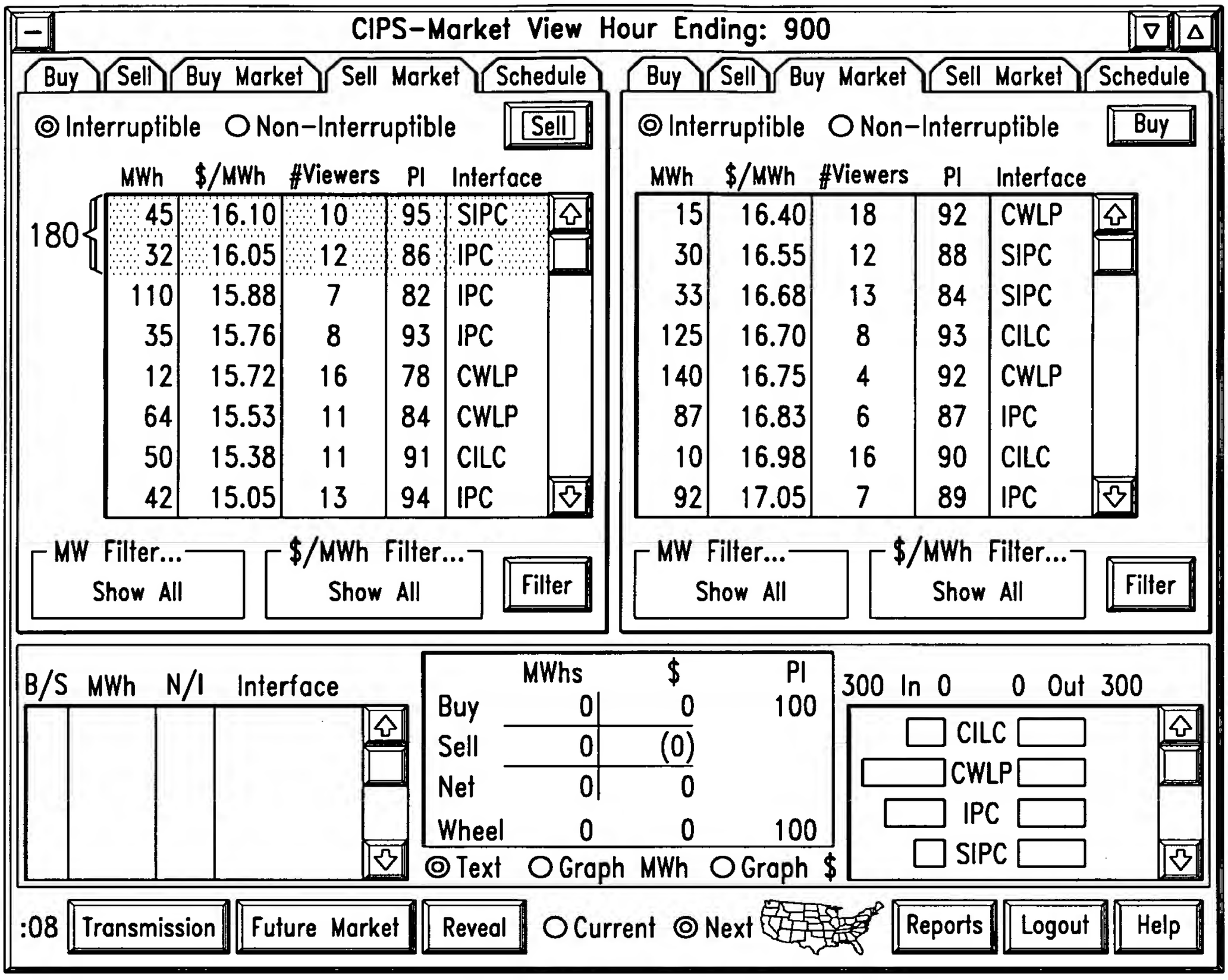

CIPS-Market View Hour Ending: 900
Buy
Sell
Buy Market
Sell Market
Schedule
Interruptible
Non-Interruptible
Sell
MWh
$/MWh
#Viewers
PI
Interface
180
45 16.10 10 95 SIPC
32 16.05 12 86 IPC
110 15.88 7 82 IPC
35 15.76 8 93 IPC
12 15.72 16 78 CWLP
64 15.53 11 84 CWLP
50 15.38 11 91 CILC
42 15.05 13 94 IPC
MW Filter...
Show All
$/MWh Filter...
Show All
Filter
Buy
15 16.40 18 92 CWLP
30 16.55 12 88 SIPC
33 16.68 13 84 SIPC
125 16.70 8 93 CILC
140 16.75 4 92 CWLP
87 16.83 6 87 IPC
10 16.98 16 90 CILC
92 17.05 7 89 IPC
B/S MWh N/I Interface
MWhs $ PI
Buy 0 0 100
Sell 0 (0)
Net 0 0
Wheel 0 0 100
300 In 0 0 Out 300
CILC
CWLP
IPC
SIPC
Text
Graph MWh
Graph $
:08
Transmission
Future Market
Reveal
Current
Next
Reports
Logout
Help

FIG. 21

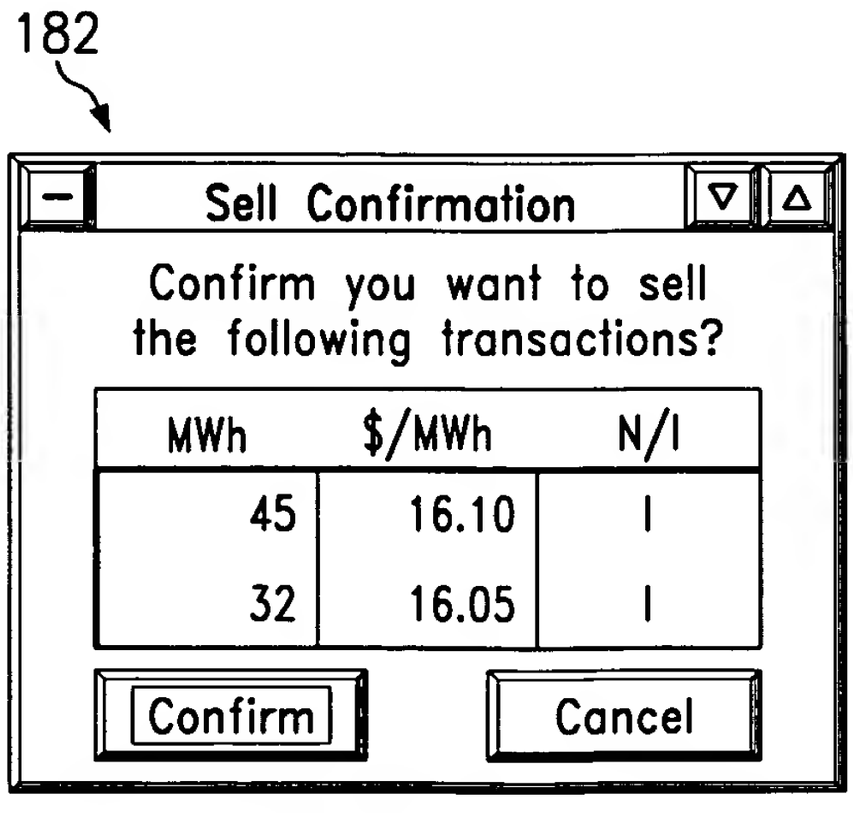

182
Sell Confirmation
Confirm you want to sell
the following transactions?
MWh $/MWh N/I
45 16.10 I
32 16.05 I
Confirm
Cancel

FIG. 22

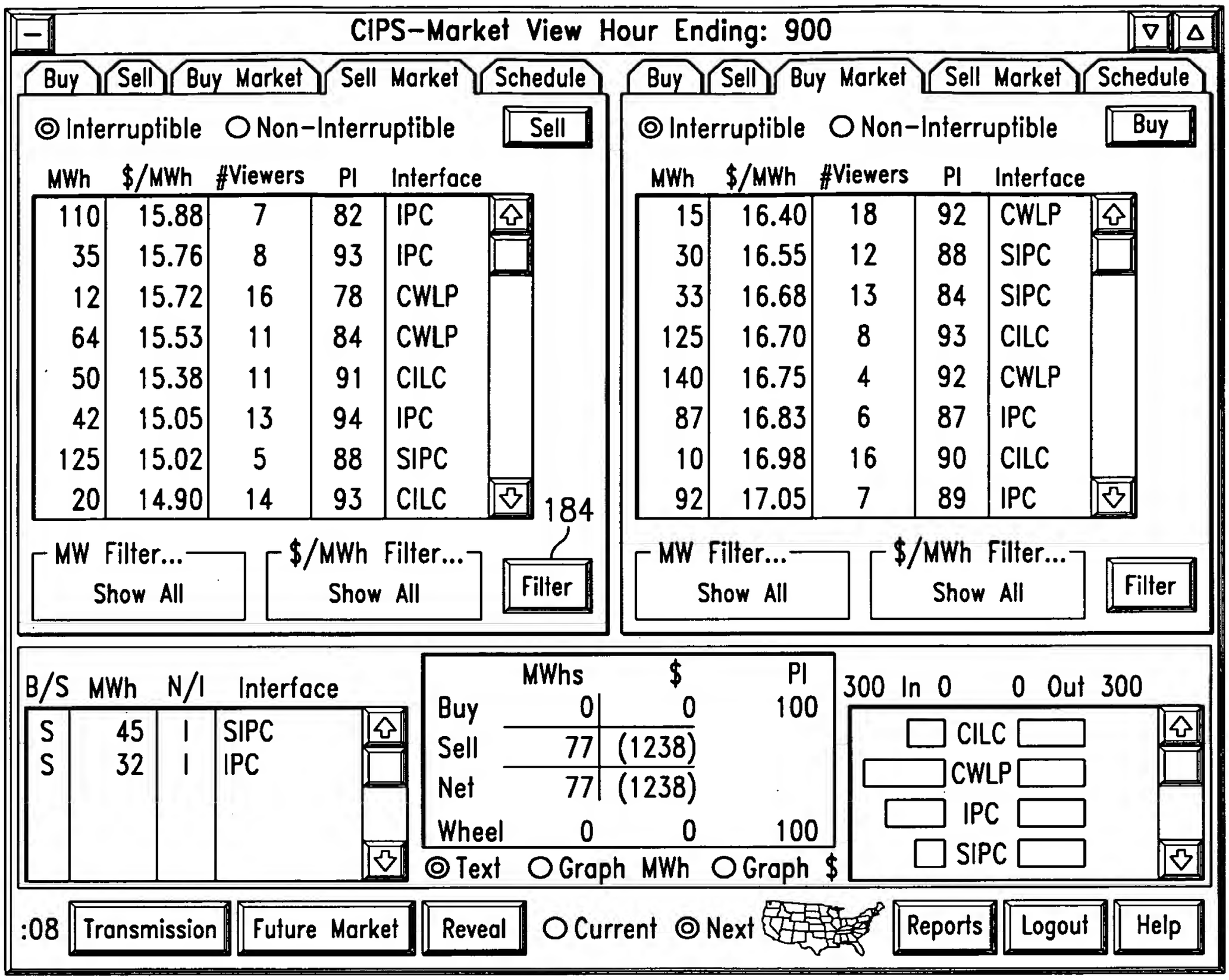


FIG. 23

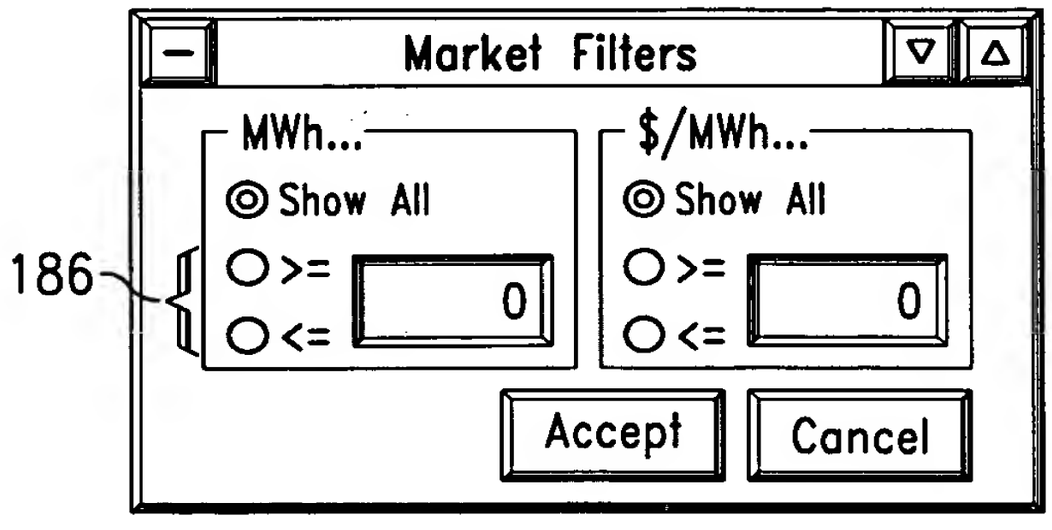


FIG. 24

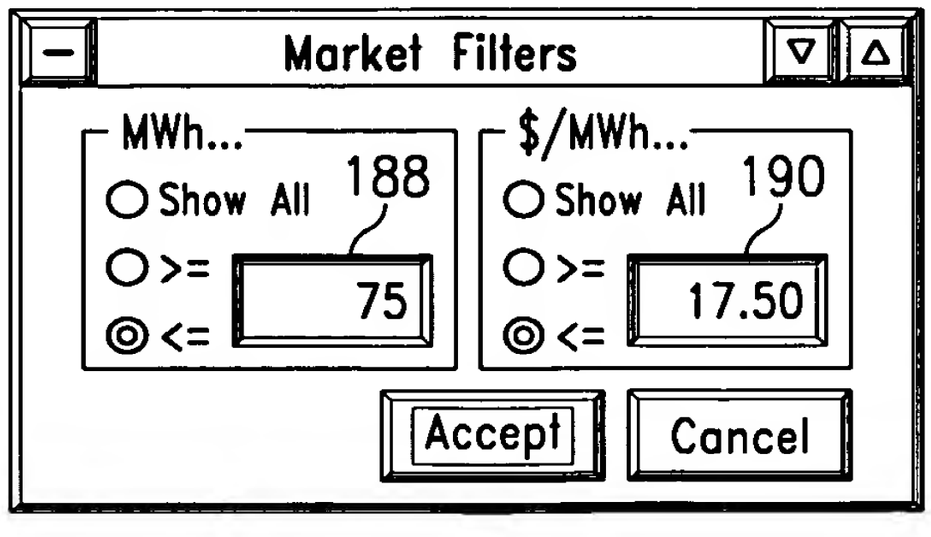


FIG. 25

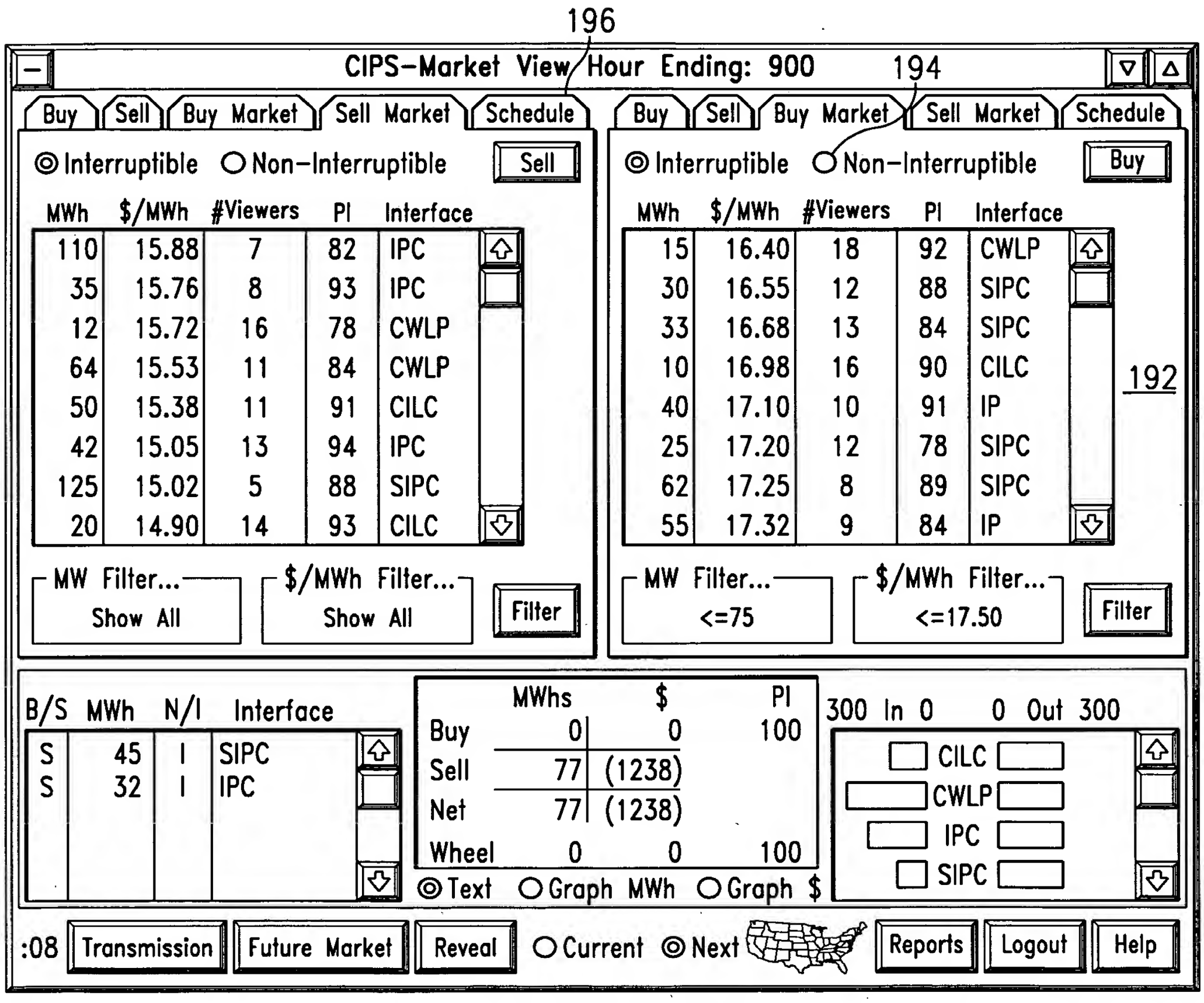

196
CIPS–Market View Hour Ending: 900
194
Buy
Sell
Buy Market
Sell Market
Schedule
Interruptible
Non–Interruptible
Sell
MWh $/MWh #Viewers PI Interface
110 15.88 7 82 IPC
35 15.76 8 93 IPC
12 15.72 16 78 CWLP
64 15.53 11 84 CWLP
50 15.38 11 91 CILC
42 15.05 13 94 IPC
125 15.02 5 88 SIPC
20 14.90 14 93 CILC
MW Filter...
Show All
$/MWh Filter...
Show All
Filter
Buy
Sell
Buy Market
Sell Market
Schedule
Interruptible
Non–Interruptible
Buy
MWh $/MWh #Viewers PI Interface
15 16.40 18 92 CWLP
30 16.55 12 88 SIPC
33 16.68 13 84 SIPC
10 16.98 16 90 CILC
40 17.10 10 91 IP
25 17.20 12 78 SIPC
62 17.25 8 89 SIPC
55 17.32 9 84 IP
192
MW Filter...
<=75
$/MWh Filter...
<=17.50
Filter
B/S MWh N/I Interface
S 45 I SIPC
S 32 I IPC
MWhs $ PI
Buy 0 0 100
Sell 77 (1238)
Net 77 (1238)
Wheel 0 0 100
Text
Graph MWh
Graph $
300 In 0 0 Out 300
CILC
CWLP
IPC
SIPC
:08
Transmission
Future Market
Reveal
Current
Next
Reports
Logout
Help

FIG. 26

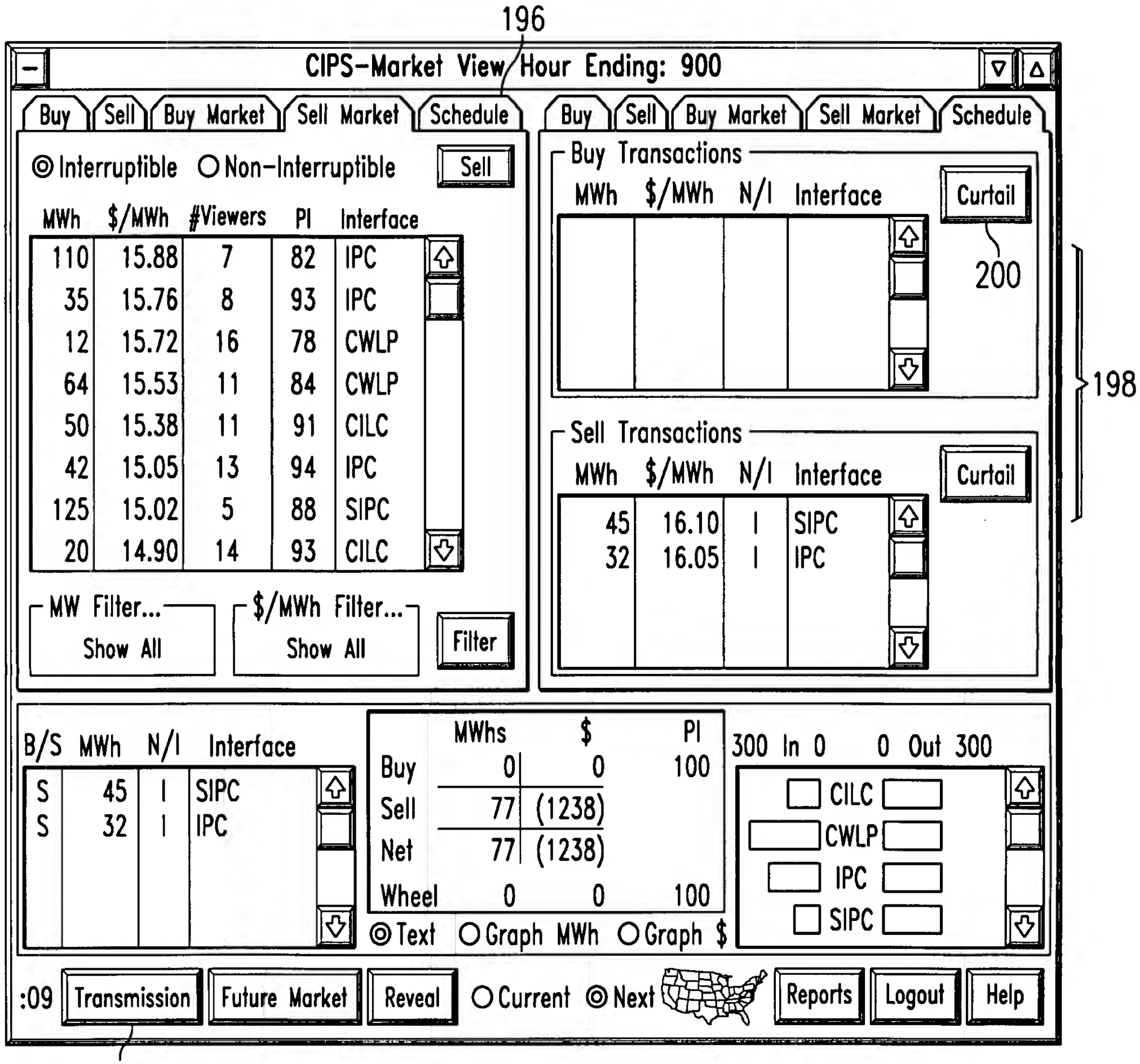


FIG. 27

ACONT.101C1
15 of 29

CIPS–Market View Hour Ending: 900

Link | Transmission

204

Interface	Interface	MWh	$/MWh	Total$	#Trans
CILC	CWLP	0	1.50	0.00	22
CILC	IPC	0	2.00	0.00	19
CILC	SIPC	0	2.00	0.00	20
CWLP	IPC	0	2.00	0.00	17
CWLP	SIPC	0	1.50	0.00	29
IPC	SIPC	0	2.50	0.00	38

B/S	MWh	N/I	Interface
S	45	I	SIPC
S	32	I	IPC

	MWhs	$	PI
Buy	0	0	100
Sell	77	(1238)	
Net	77	(1238)	
Wheel	0	0	100

300 In 0 0 Out 300

CILC
CWLP
IPC
SIPC

◎ Text ○ Graph MWh ○ Graph $

:12 | Market | Future Market | Reveal | ○ Current ◎ Next | Reports | Logout | Help

FIG. 28

CIPS–Market View Hour Ending: 900

Link | Transmission

206

Interfaces	Max In	Max Out	Market Limit In	Market Limit Out	Available In	Available Out	Scheduled Activity: Transactions In	Scheduled Activity: Transactions Out	Scheduled Activity: Wheeling In	Scheduled Activity: Wheeling Out
CILC	400	400	150	250	150	250	0	0	0	0
CWLP	350	375	300	250	300	250	0	0	0	0
IPC	500	500	250	250	250	218	0	32	0	0
SIPC	325	325	100	250	100	205	0	45	0	0

Limit | Neighbor | Update 208

B/S	MWh	N/I	Interface
S	45	I	SIPC
S	32	I	IPC

	MWhs	$	PI
Buy	0	0	100
Sell	77	(1238)	
Net	77	(1238)	
Wheel	0	0	100

◎ Text ○ Graph MWh ○ Graph $

300 In 0 0 Out 300

CILC
CWLP
IPC
SIPC

:12 | Market | Future Market | Reveal | ○ Current ◎ Next | Reports | Logout | Help

FIG. 29

CIPS–Market View Hour Ending: 900

Link | Transmission

Interfaces	Max In	Max Out	Market Limit In	Market Limit Out	Available In	Available Out	Scheduled Activity: Transactions In	Scheduled Activity: Transactions Out	Scheduled Activity: Wheeling In	Scheduled Activity: Wheeling Out
CILC	400	400	150	250	90	250	0	0	60	0
CWLP	350	375	300	250	300	250	0	0	0	0
IPC	500	500	250	250	250	218	0	32	0	0
SIPC	325	325	100	250	100	145	0	45	0	60

Limit | Neighbor | Update

150

B/S	MWh	N/I	Interface
S	45	I	SIPC
S	32	I	IPC

	MWhs	$	PI
Buy	0	0	100
Sell	77	(1238)	
Net	77	(1238)	
Wheel	60	(120)	100

◎ Text ○ Graph MWh ○ Graph $

152

300 In 0 | 0 Out 300

CILC
CWLP
IPC
SIPC

:16 | Market | Future Market | Reveal | ○ Current ◎ Next | Reports | Logout | Help

FIG. 30

CIPS-Market View Hour Ending: 900

Link | Transmission

Interface	Interface	MWh	$/MWh	Total$	#Trans
CILC	CWLP	0	1.50	0.00	22
CILC	IPC	0	2.00	0.00	19
CILC	SIPC	60	2.00	120.00	19
CWLP	IPC	0	2.00	0.00	17
CWLP	SIPC	0	1.50	0.00	29
IPC	SIPC	0	2.50	0.00	38

B/S	MWh	N/I	Interface
S	45	I	SIPC
S	32	I	IPC

	MWhs	$	PI
Buy	0	0	100
Sell	77	(1238)	
Net	77	(1238)	
Wheel	60	(120)	100

300 In 0 0 Out 300

CILC
CWLP
IPC
SIPC

◎ Text ○ Graph MWh ○ Graph $

:16 | Market | Future Market | Reveal | ○ Current ◎ Next | Reports | Logout | Help

214 216 218 220

FIG. 31

CIPS-Schedule

Next hour transaction schedule is:

Buy Transactions

MWh	$/MWh	N/I	Interface

210

Sell Transactions

MWh	$/MWh	N/I	Interface
45	16.10	I	SIPC
32	16.05	I	IPC

212

Transmission

Interface	MWh	Direction
CILC	60	Received
CWLP	0	
IPC	32	Delivered
SIPC	105	Delivered

Net MWh Delivered: 77 | Confirm

FIG. 32

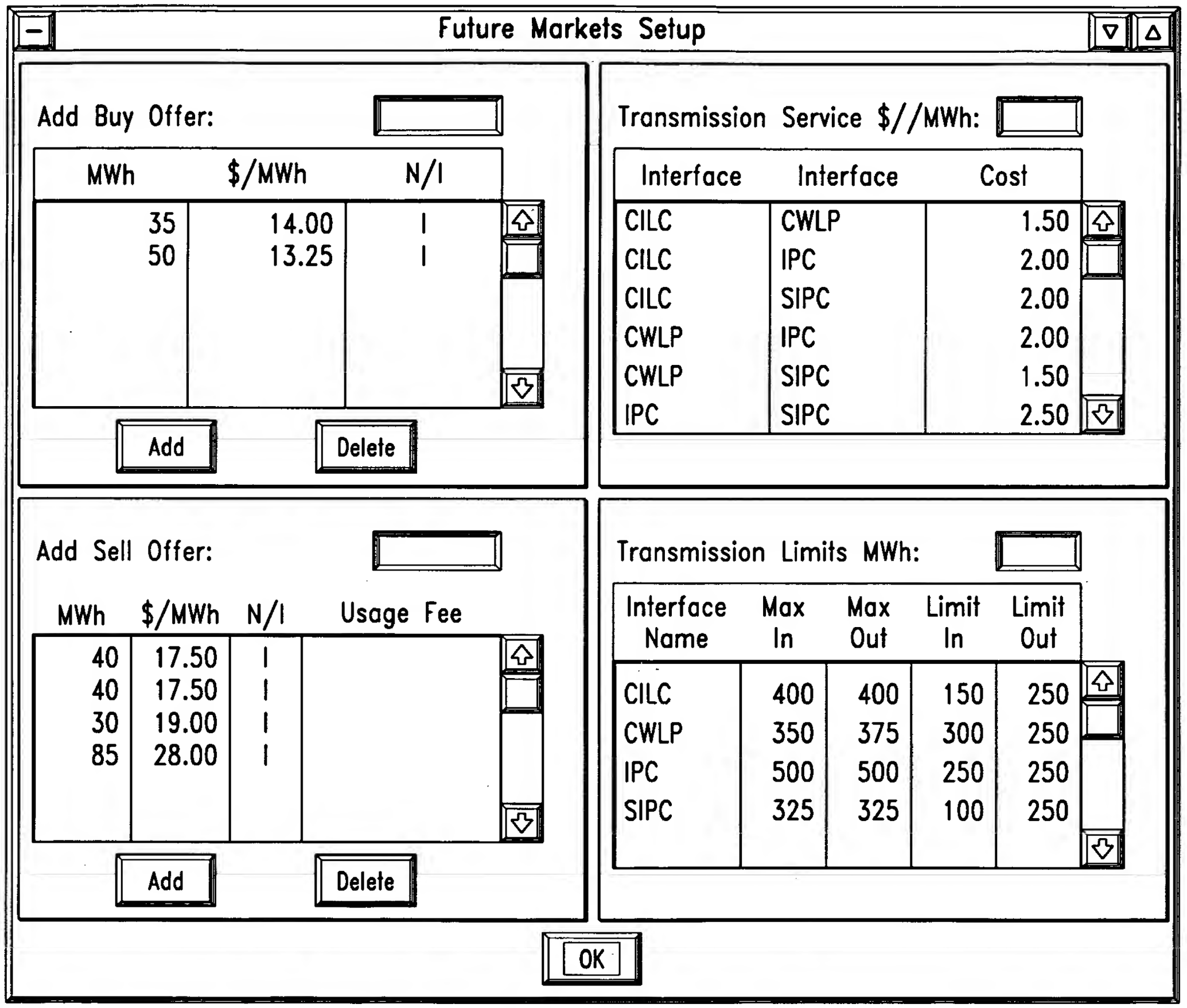

Future Markets Setup
Add Buy Offer:
MWh
$/MWh
N/I
35
14.00
I
50
13.25
I
Add
Delete
Transmission Service $//MWh:
Interface
Interface
Cost
CILC
CWLP
1.50
CILC
IPC
2.00
CILC
SIPC
2.00
CWLP
IPC
2.00
CWLP
SIPC
1.50
IPC
SIPC
2.50
Add Sell Offer:
MWh
$/MWh
N/I
Usage Fee
40
17.50
I
40
17.50
I
30
19.00
I
85
28.00
I
Add
Delete
Transmission Limits MWh:
Interface Name
Max In
Max Out
Limit In
Limit Out
CILC
400
400
150
250
CWLP
350
375
300
250
IPC
500
500
250
250
SIPC
325
325
100
250
OK

FIG. 33

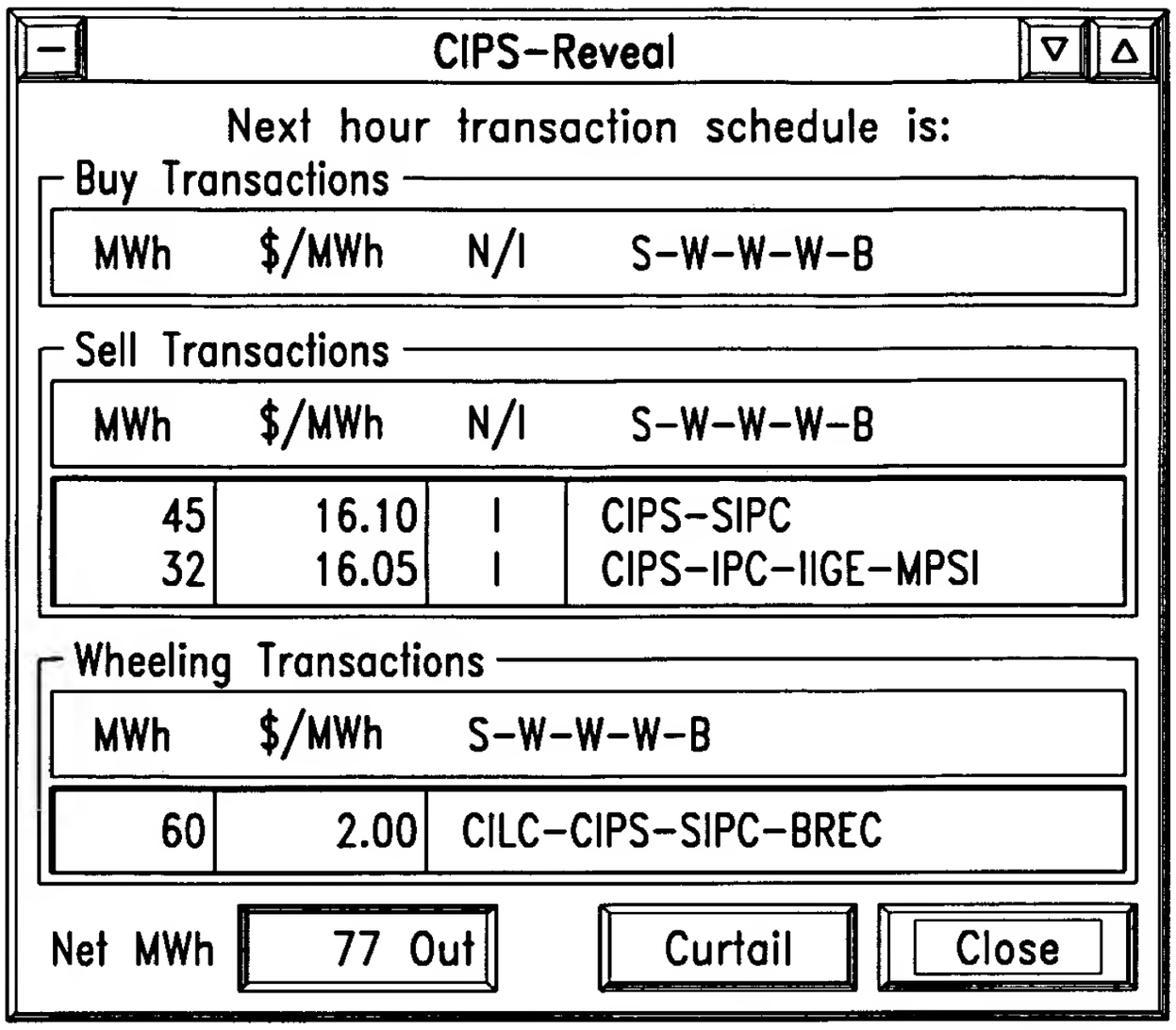

CIPS-Reveal
Next hour transaction schedule is:
Buy Transactions
MWh $/MWh N/I S-W-W-W-B
Sell Transactions
MWh $/MWh N/I S-W-W-W-B
45 16.10 I CIPS-SIPC
32 16.05 I CIPS-IPC-IIGE-MPSI
Wheeling Transactions
MWh $/MWh S-W-W-W-B
60 2.00 CILC-CIPS-SIPC-BREC
Net MWh 77 Out
Curtail
Close

FIG. 34

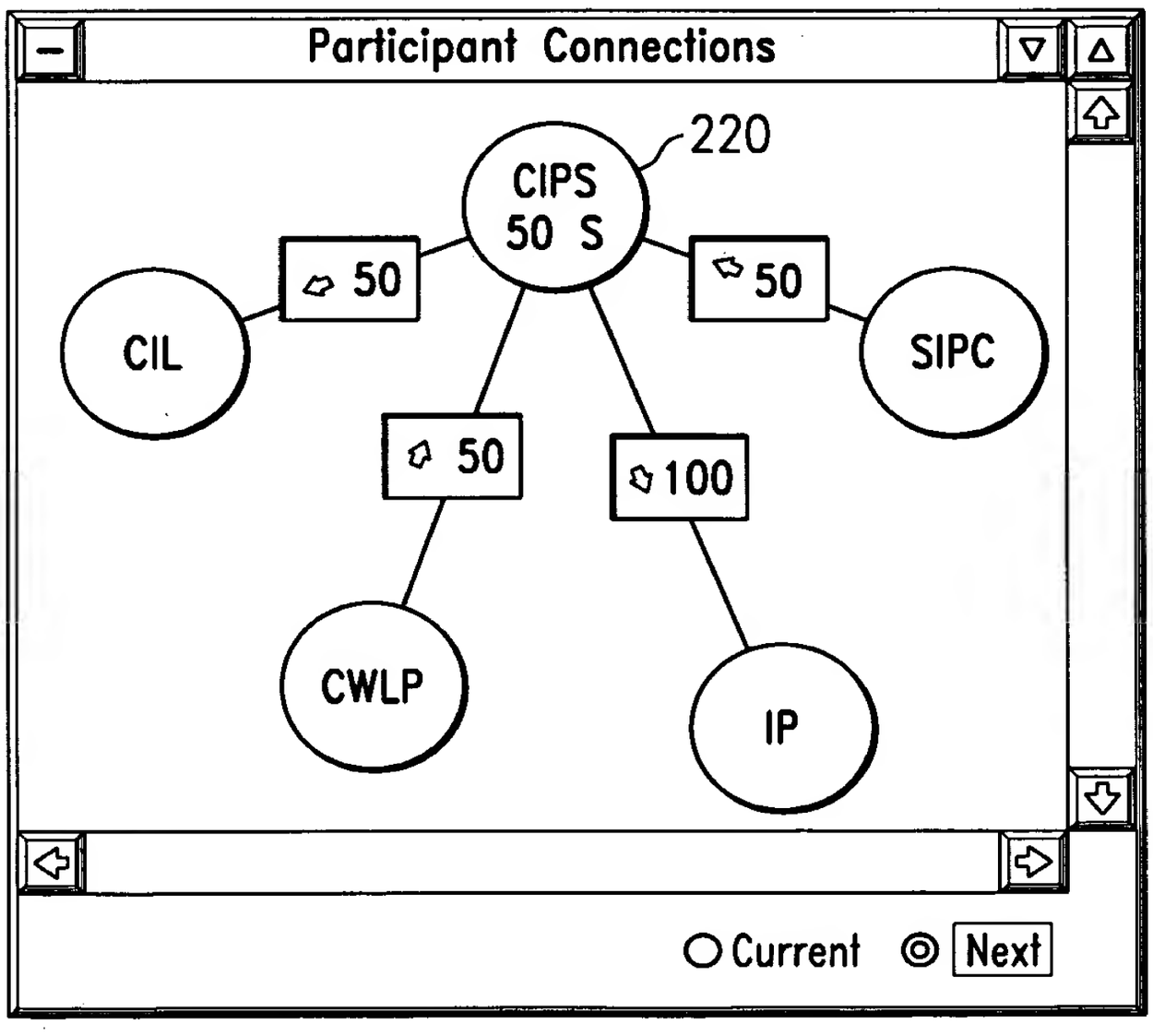

Participant Connections
220
CIPS
50 S
50
50
50
100
CIL
SIPC
CWLP
IP
Current
Next

FIG. 35

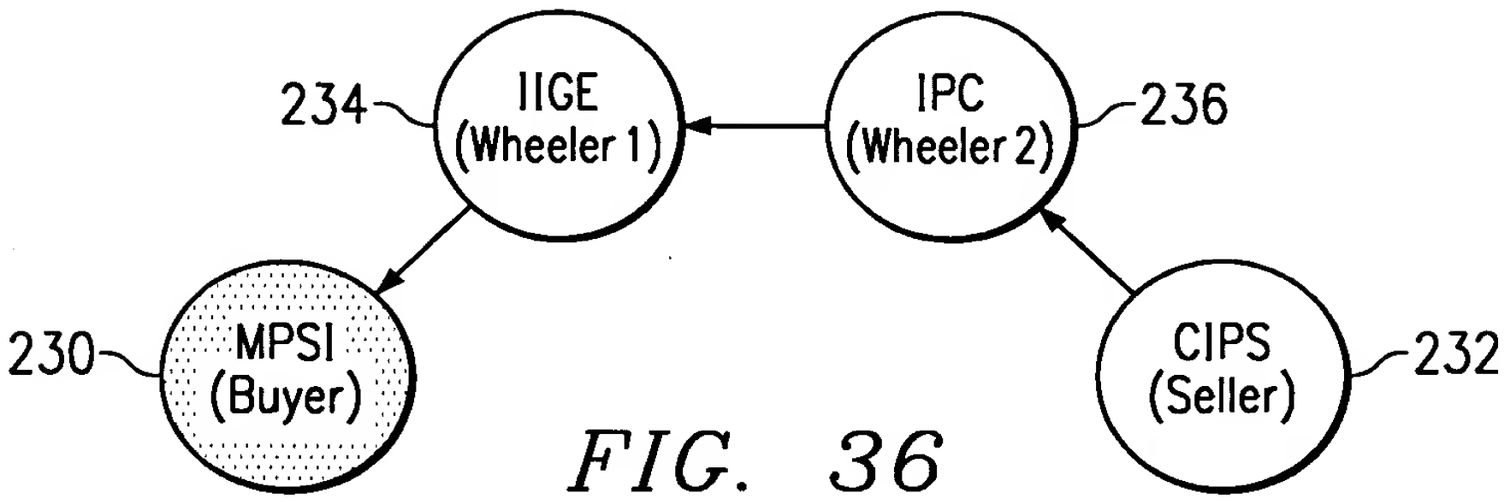


FIG. 36

FIG. 37

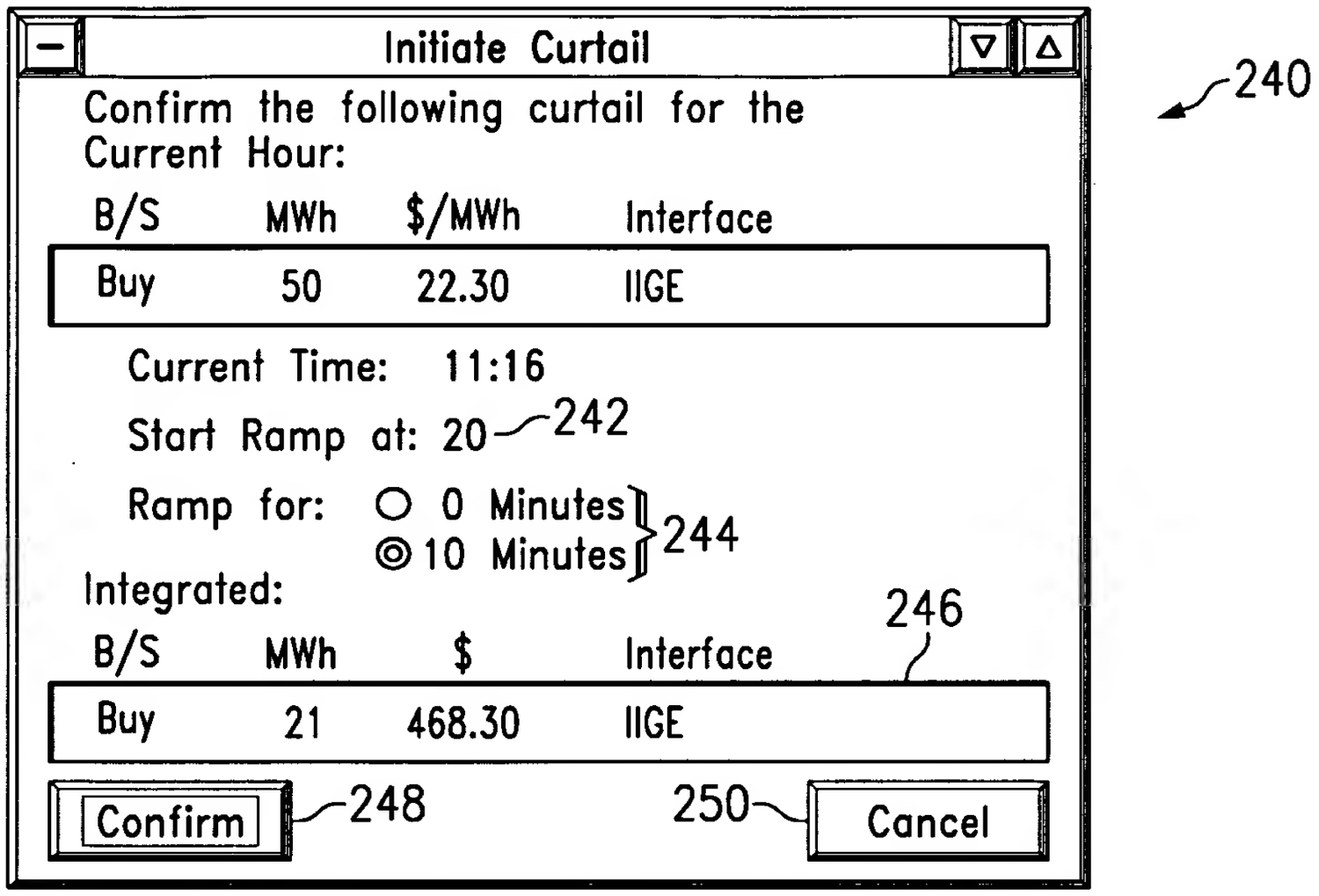


FIG. 38

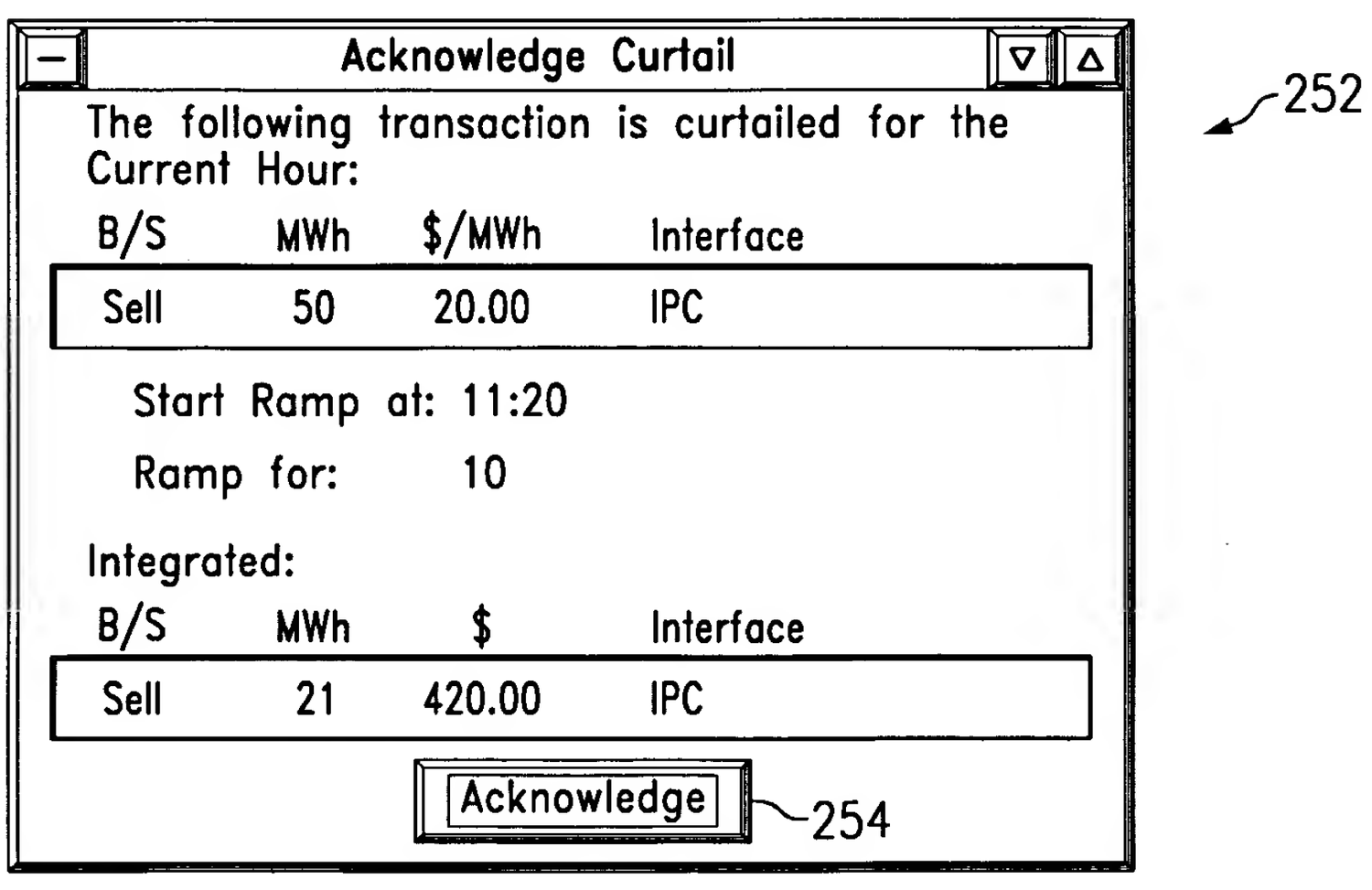


FIG. 39

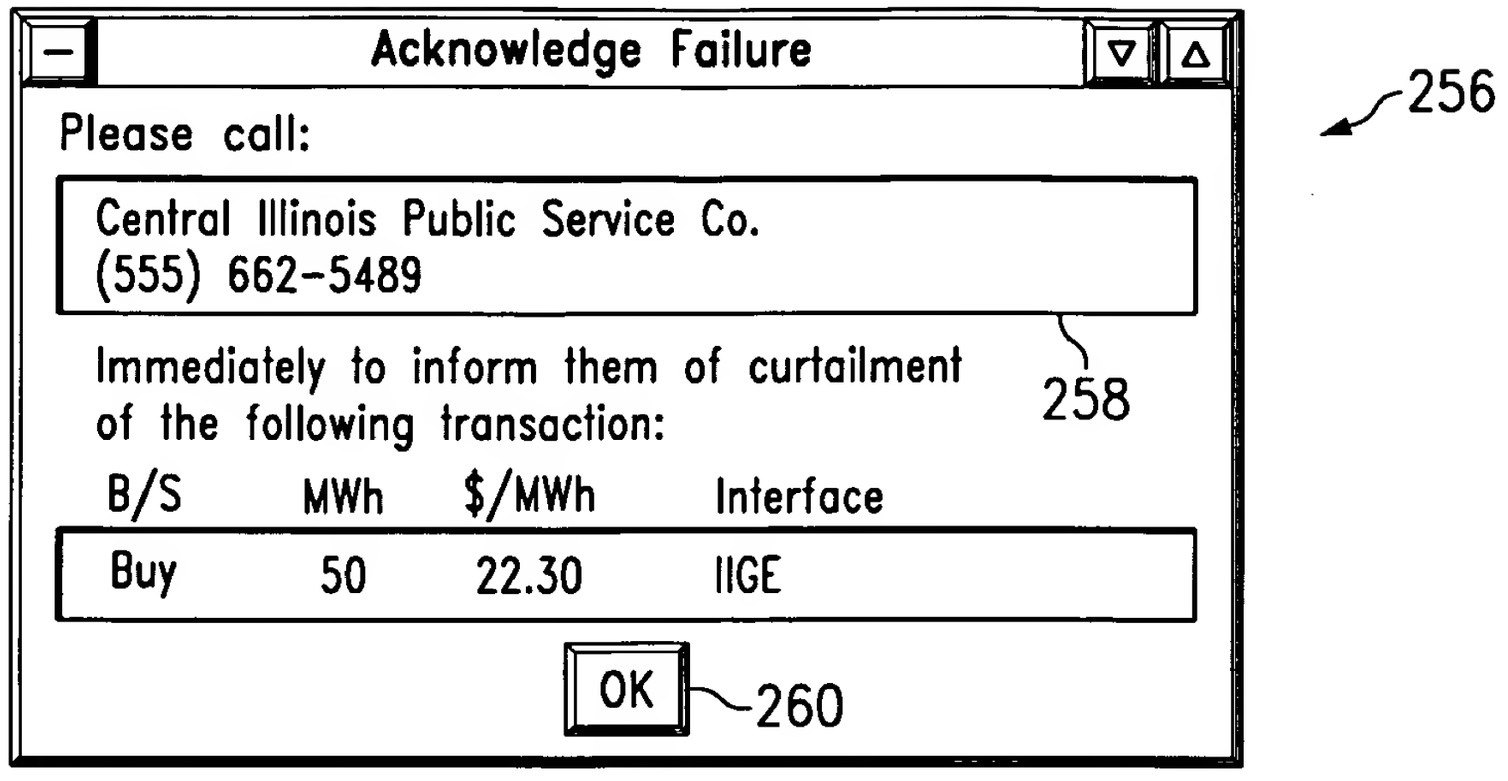


FIG. 40

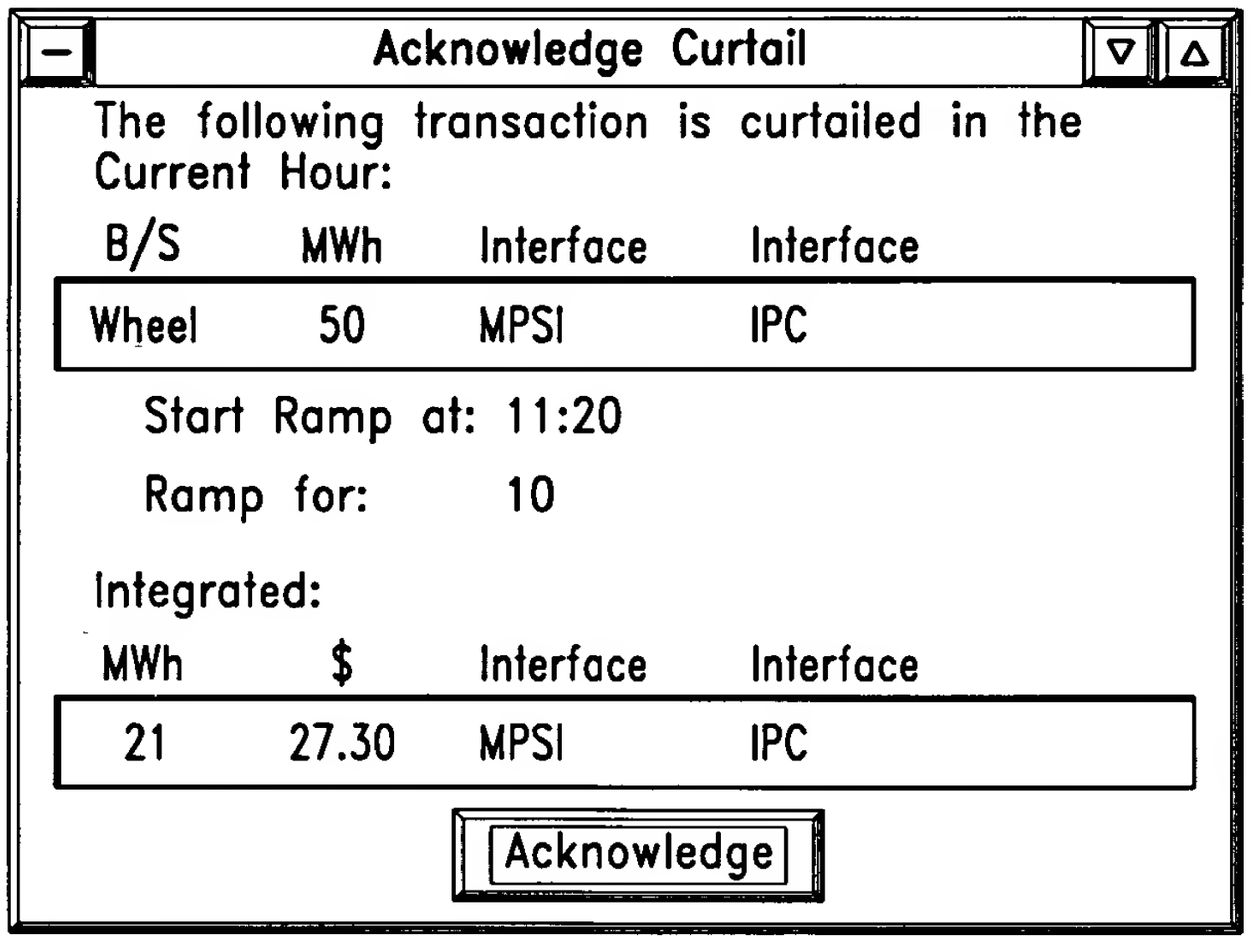
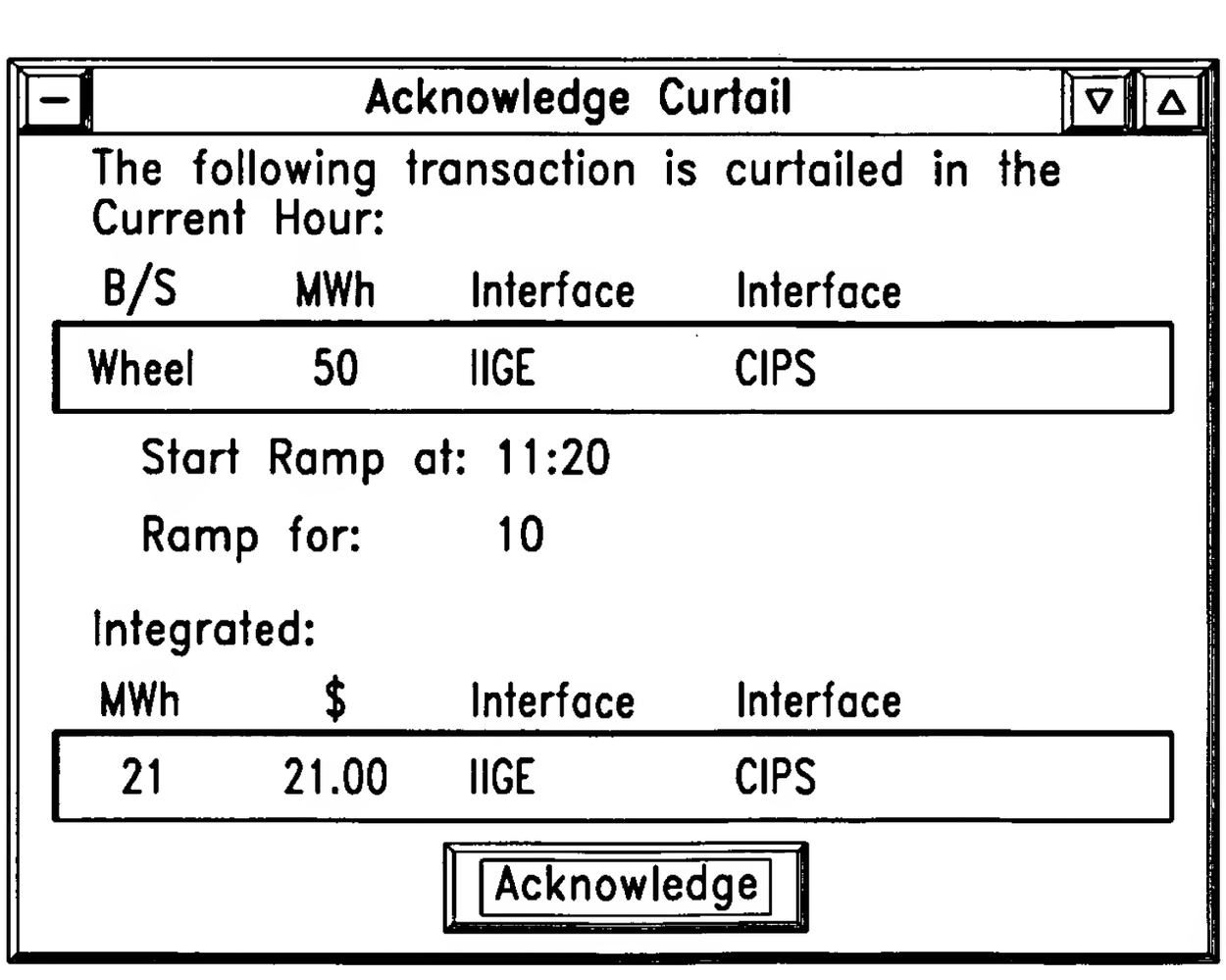


FIG. 41



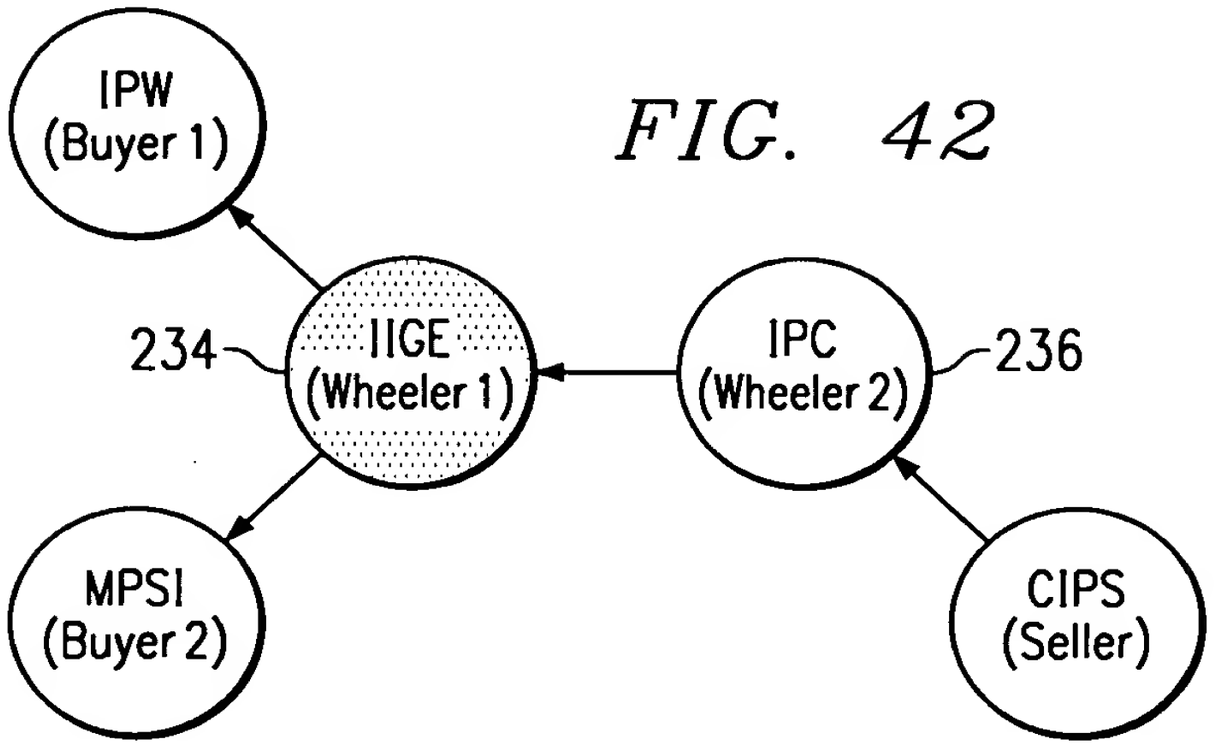


FIG. 42

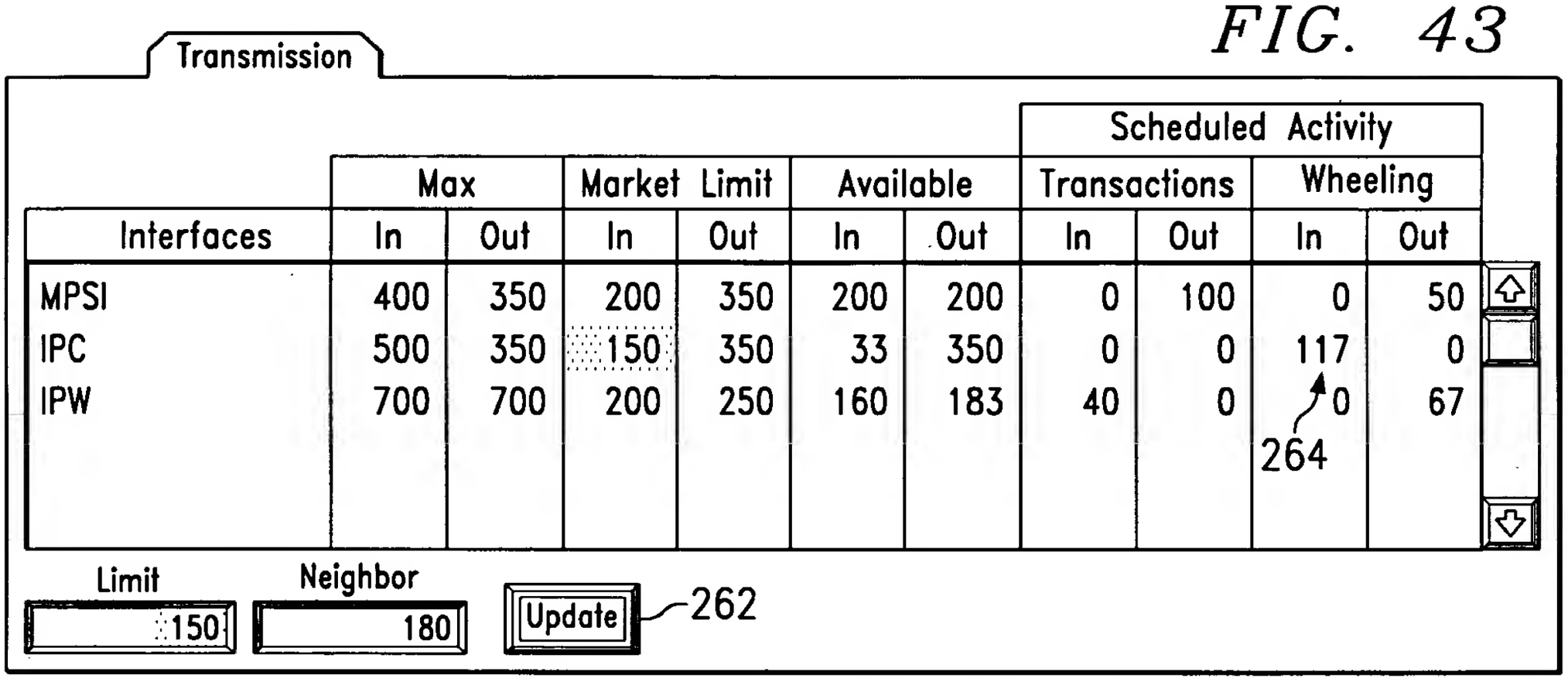


FIG. 43

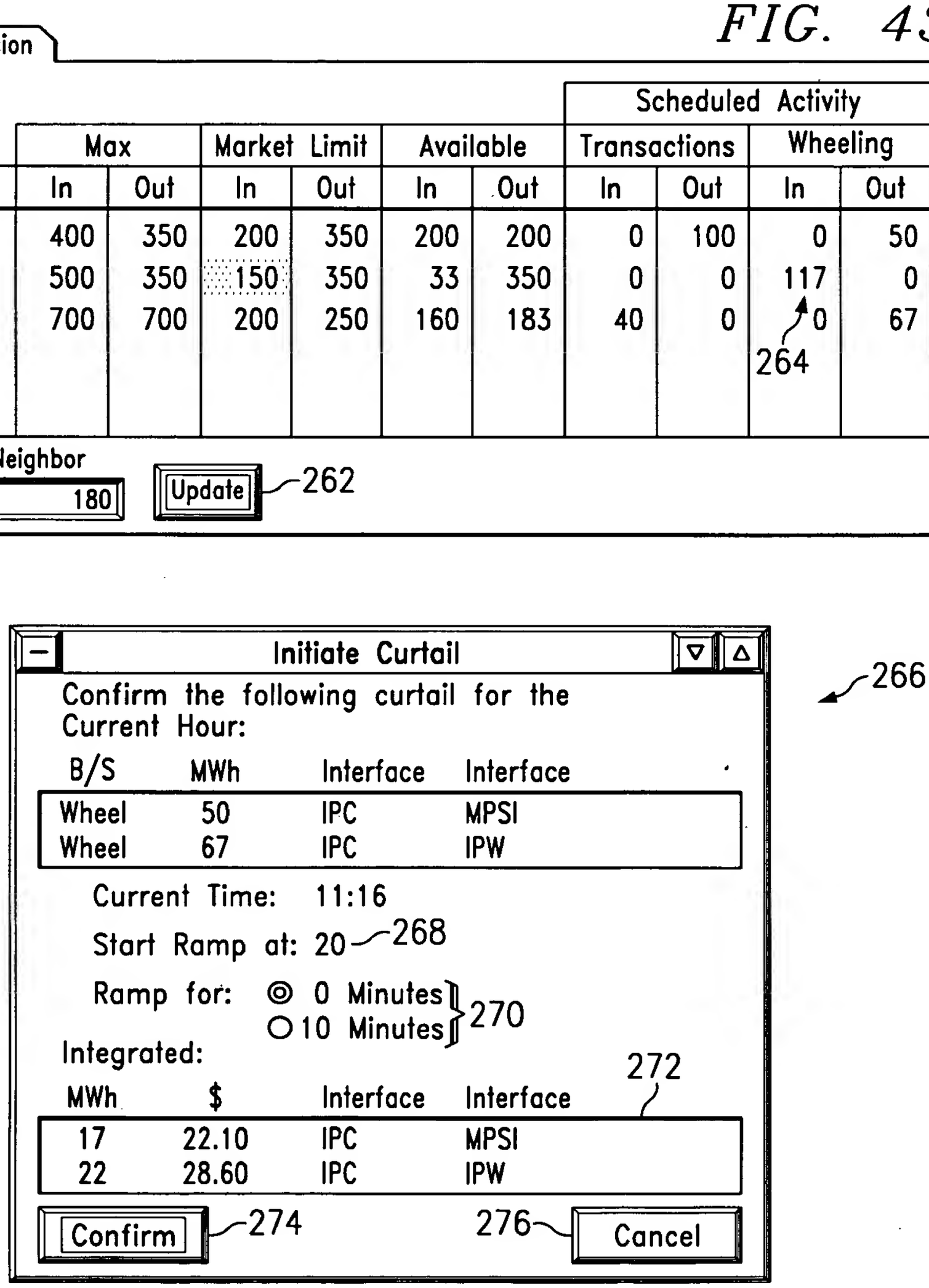


FIG. 44

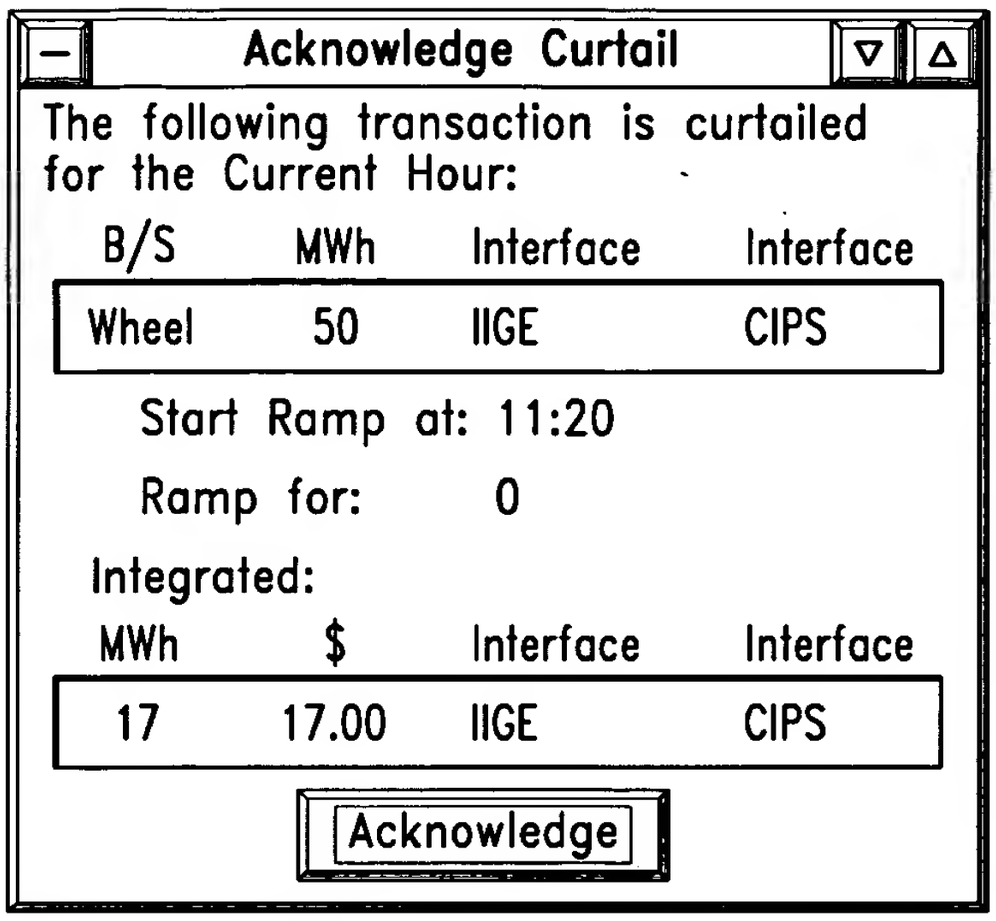


FIG. 45

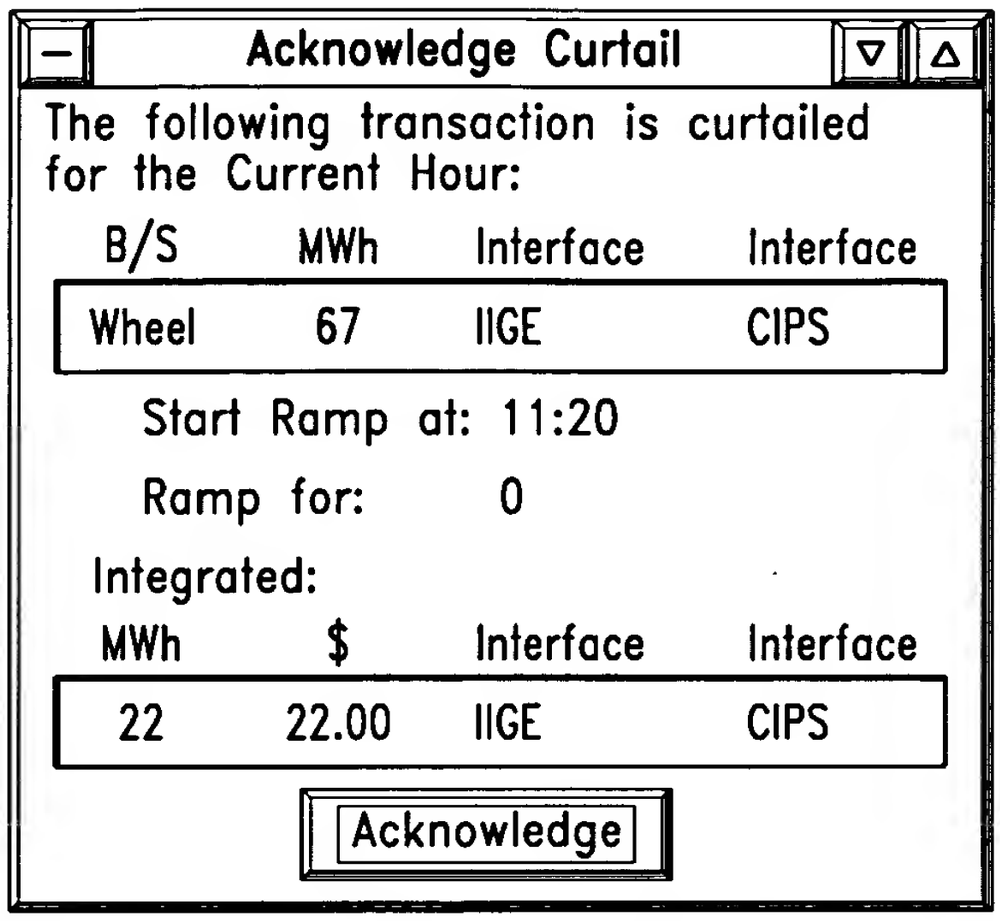


FIG. 46

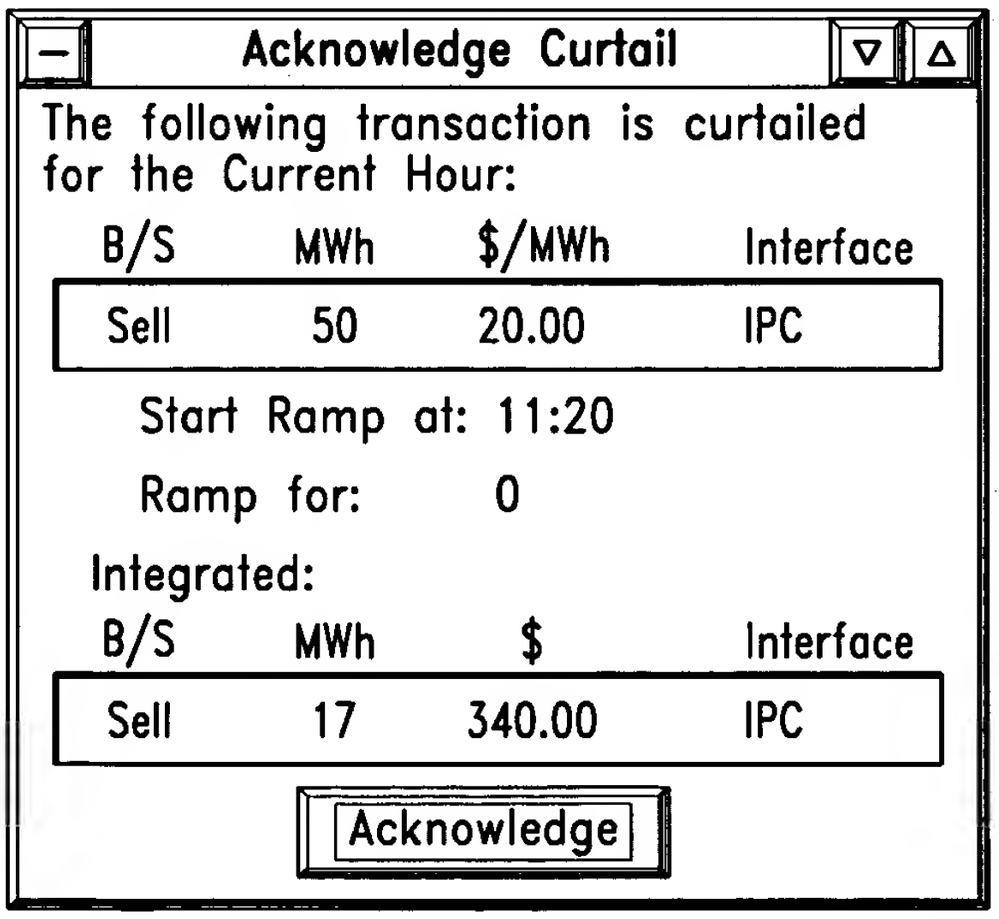


FIG. 47

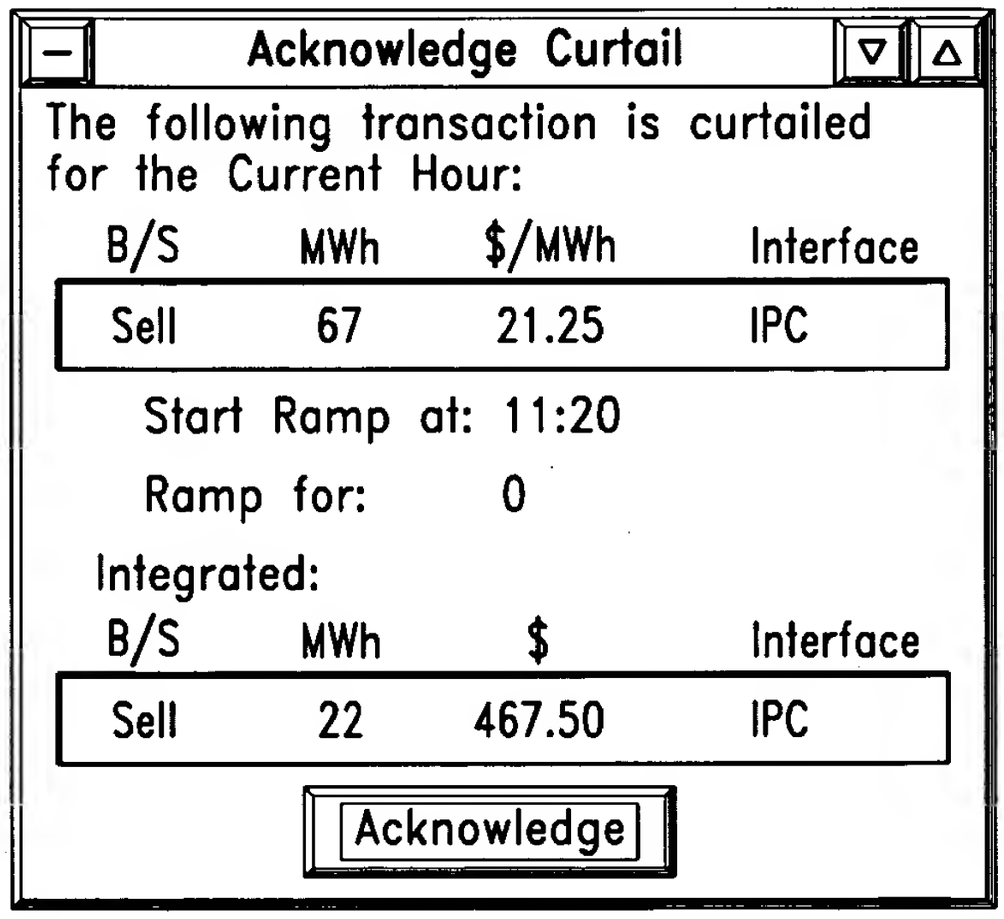


FIG. 48

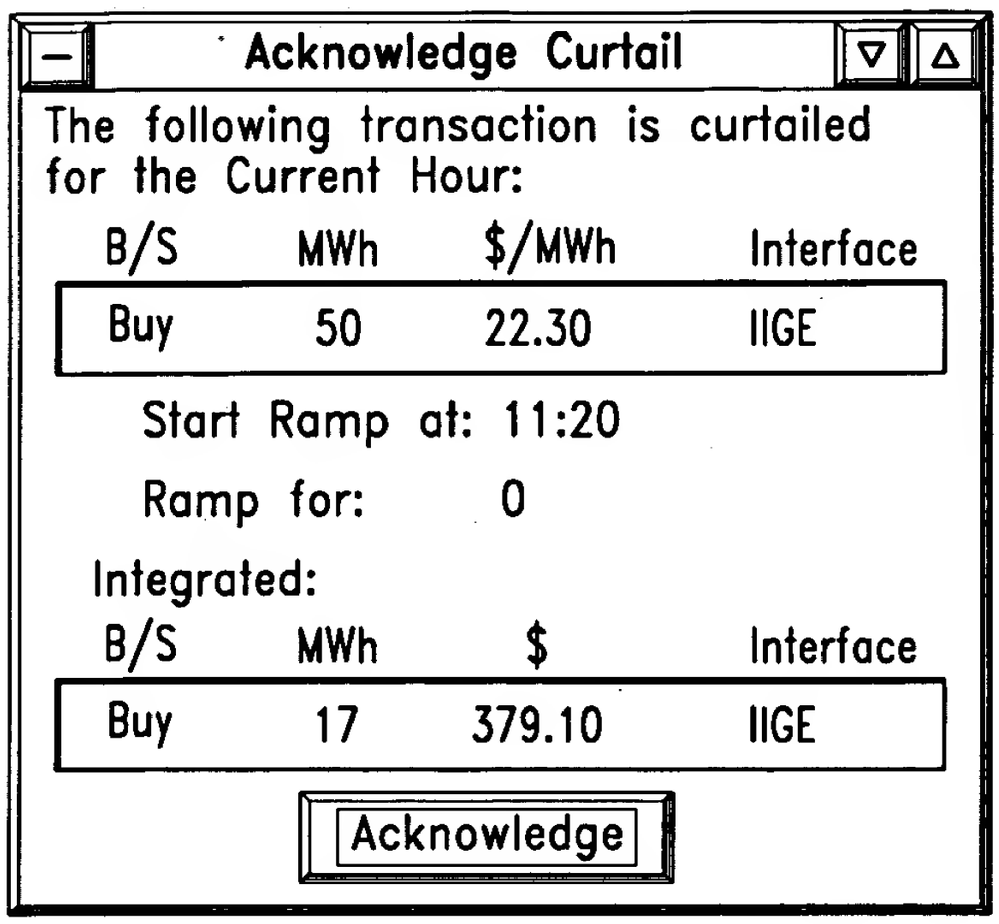


FIG. 49

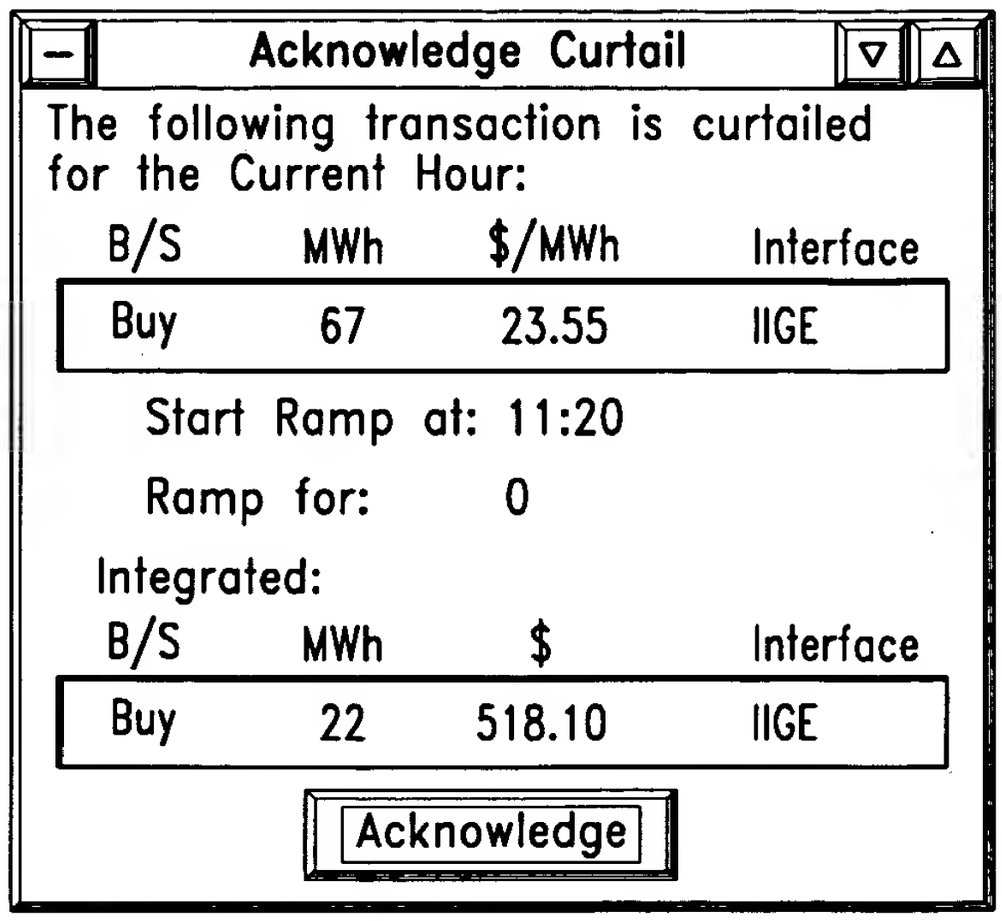


FIG. 50

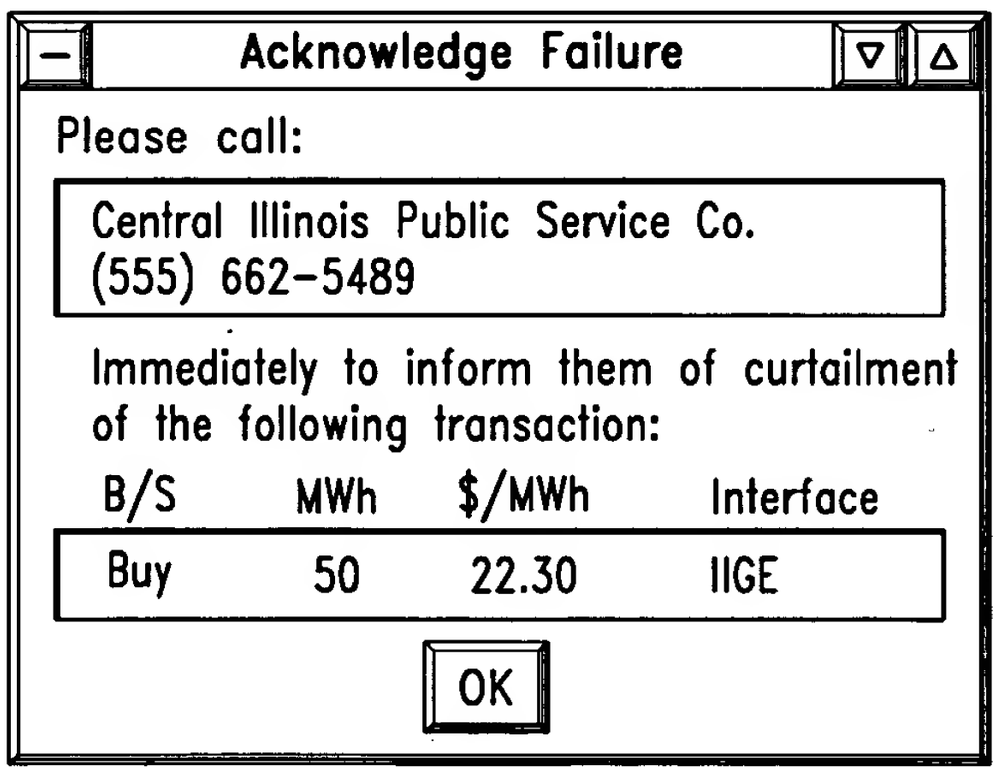


FIG. 51

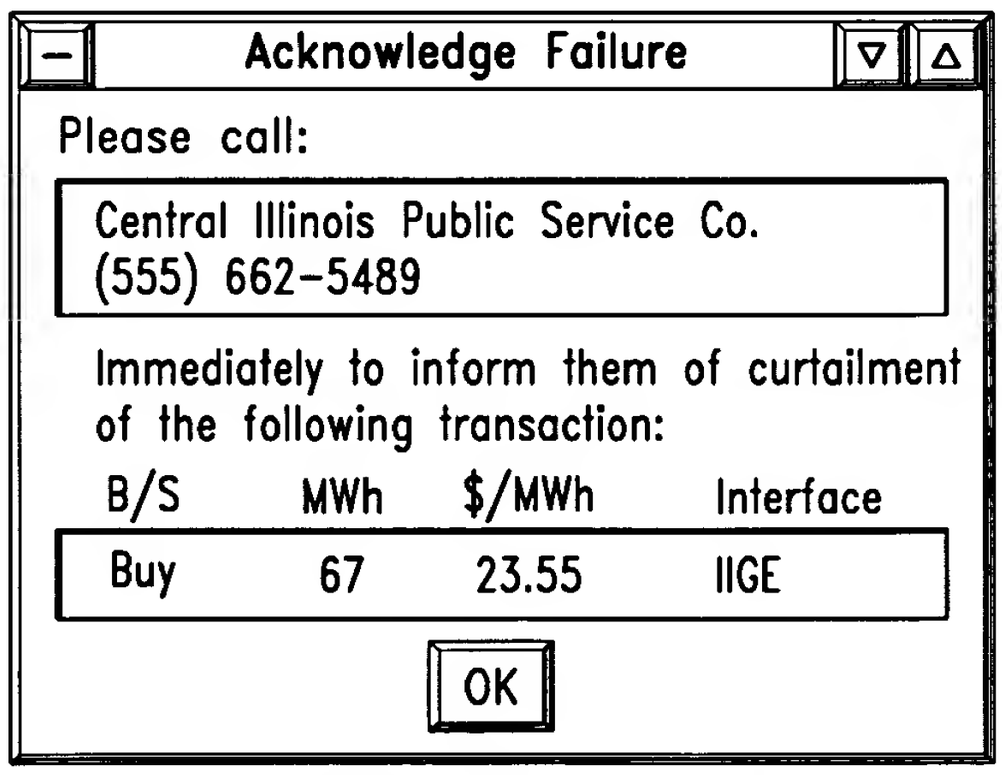


FIG. 52

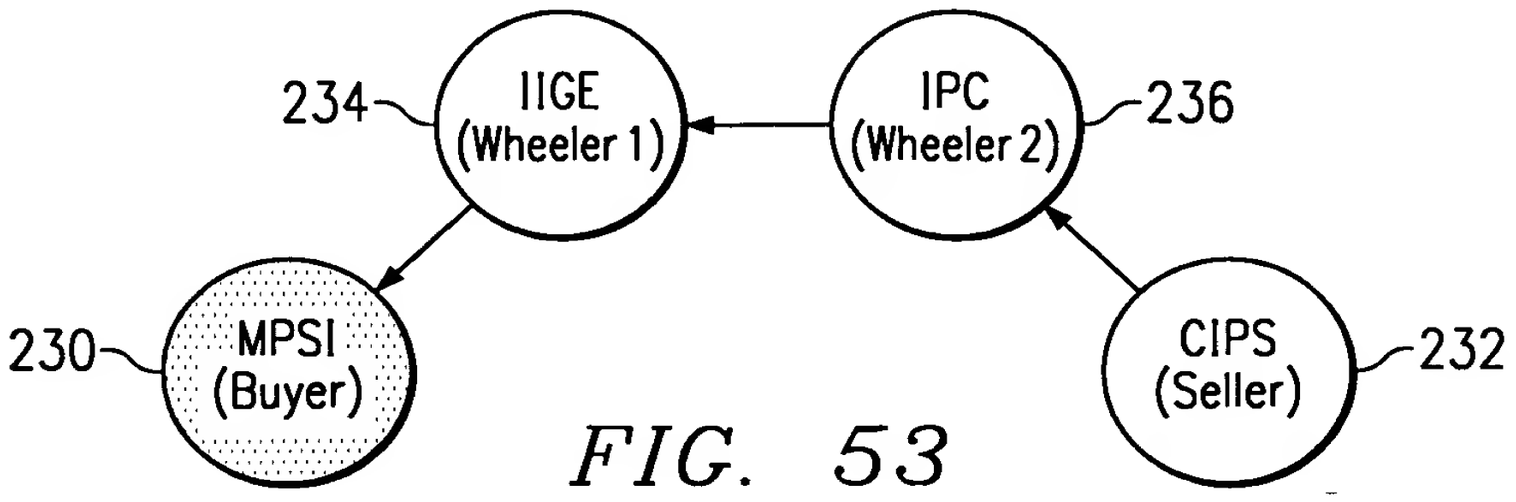


FIG. 53

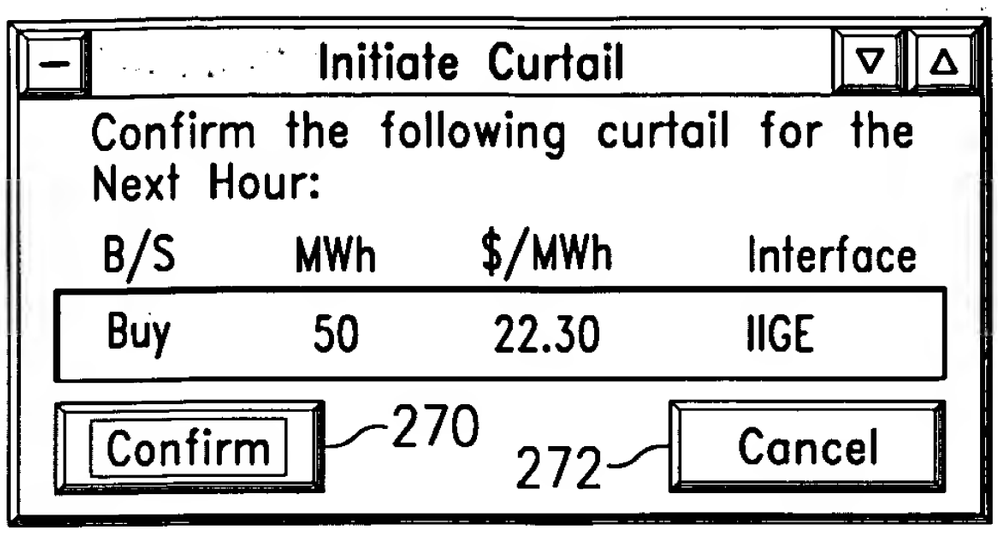


FIG. 54

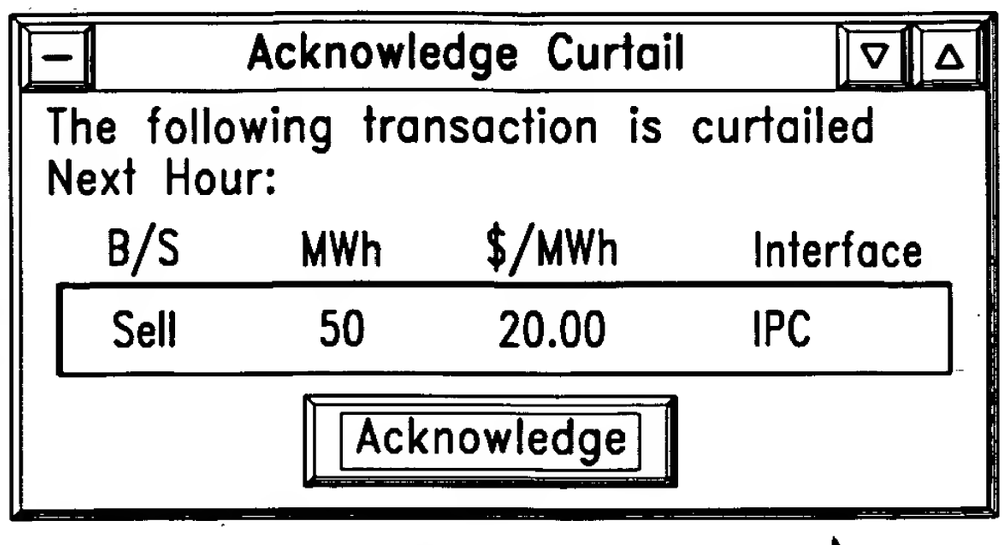


FIG. 55

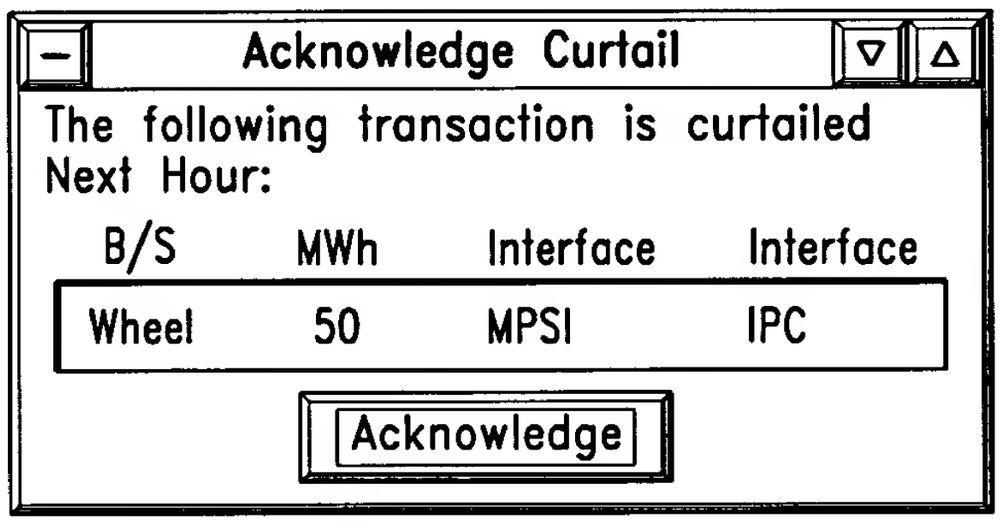


FIG. 56

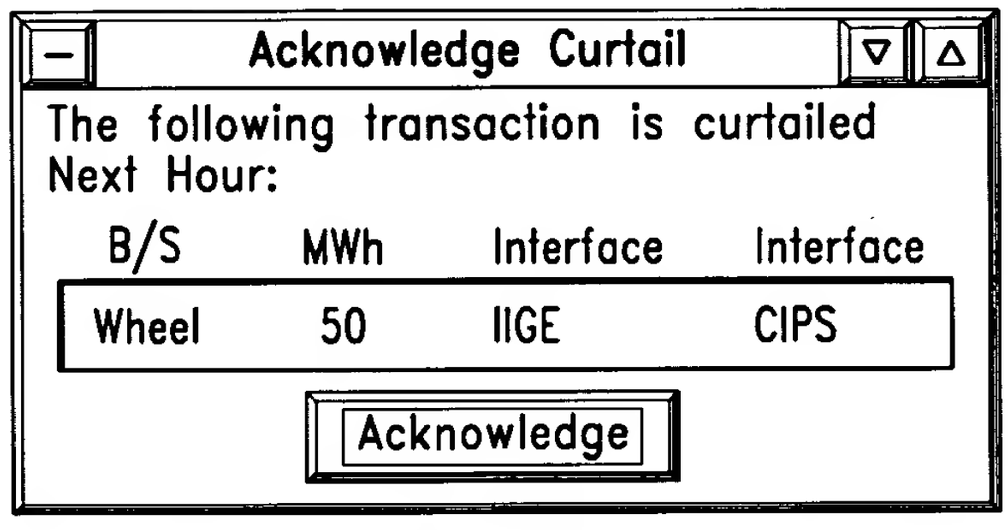


FIG. 57

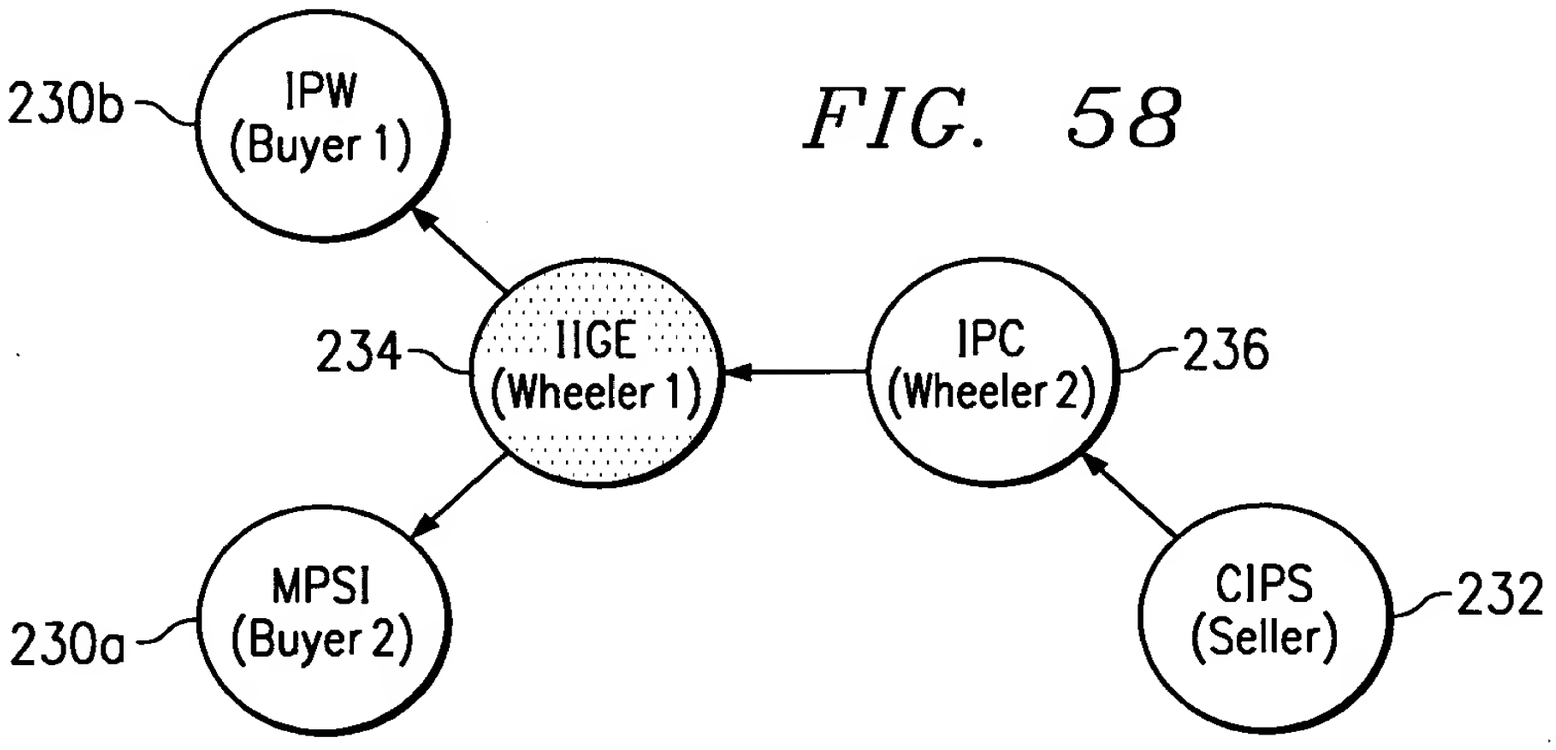


FIG. 58

FIG. 59

Transmission

Interfaces	Max In	Max Out	Market Limit In	Market Limit Out	Available In	Available Out	Scheduled Activity: Transactions In	Scheduled Activity: Transactions Out	Scheduled Activity: Wheeling In	Scheduled Activity: Wheeling Out
MPSI	400	350	200	350	200	200	0	100	0	50
IPC	500	350	150	350	33	350	0	0	117	0
IPW	700	700	200	250	160	183	40	0	0	67

280

Limit: 150 Neighbor: 180 Update 278

Initiate Curtail

Confirm the following curtail for the Next Hour:

B/S	MWh	Interface	Interface
Wheel	50	IPC	MPSI
Wheel	67	IPC	IPW

Confirm 284 286 Cancel

282

FIG. 60

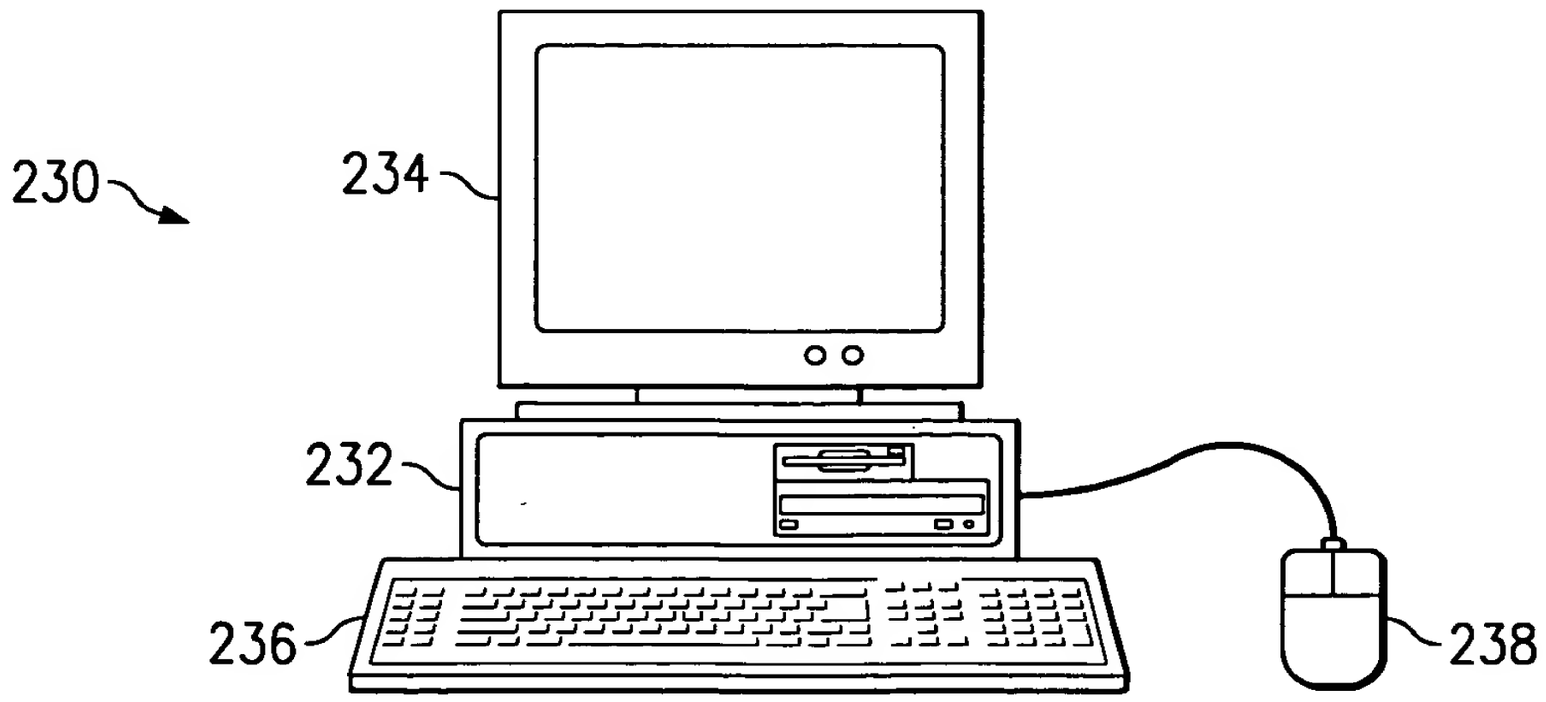


FIG. 61

FIG. 62

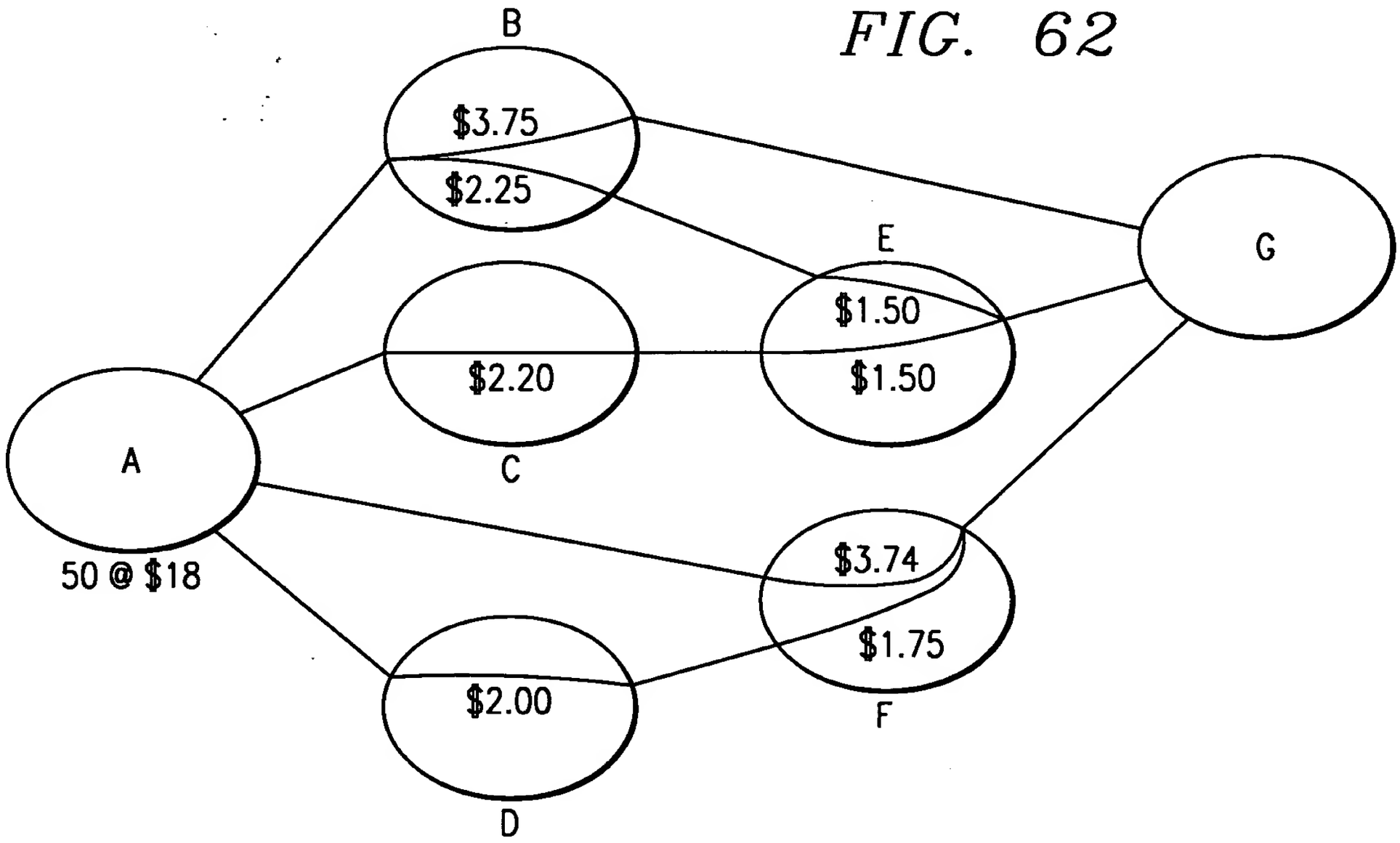
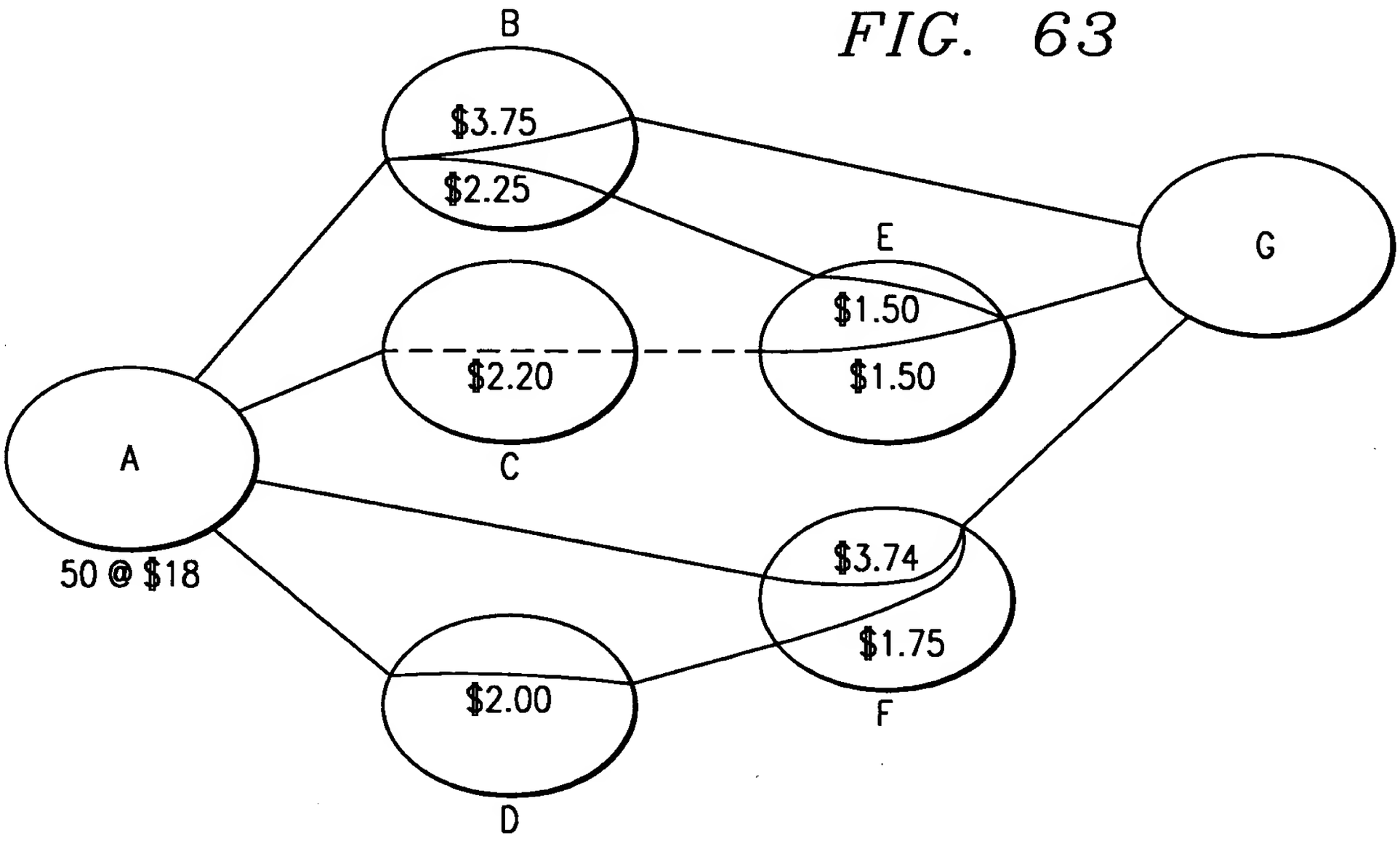

B
$3.75
$2.25
E
G
$1.50
$2.20
$1.50
A
C
$3.74
50 @ $18
$1.75
$2.00
F
D

FIG. 63


B
$3.75
$2.25
E
G
$1.50
$2.20
$1.50
A
C
$3.74
50 @ $18
$1.75
$2.00
F
D